

Form 3160-3
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER


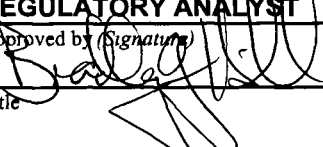
FORM APPROVED
OMB No 1004-0136
Expires November 30, 2000

1a Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5 Lease Serial No UTU-0149081
b Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6 If Indian, Allottee or Tribe Name
2 Name of Operator WESTPORT OIL & GAS COMPANY L.P.		7 If Unit or CA Agreement, Name and No NATURAL BUTTES UNIT / NBU-121
3A Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		8 Lease Name and Well No NBU 1021-12H
3b Phone No (include area code) (435)-781-7024		9 API Well No 43-047-36182
4 Location of Well (Report location clearly and in accordance with any State requirements *) At surface SENE 1772'FNL & 807'FEL 628749 X 39.965517 At proposed prod Zone 4424808 Y -109.492517		10 Field and Pool, or Exploratory NATURAL BUTTES
14 Distance in miles and direction from nearest town or post office* 28.2 MILES SOUTHEAST OF OURAY, UTAH		11 Sec, T, R, M, or Blk, and Survey or Area SECTION 12-T10S-R21E
15 Distance from proposed* location to nearest property or lease line, ft (Also to nearest drig unit line, if any) 807'	16 No of Acres in lease 400.00	17 Spacing Unit dedicated to this well 40.00
18 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft REFER TO TOPO C	19 Proposed Depth 9400'	20 BLM/BIA Bond No on file CO-1203
21 Elevations (Show whether DF, KDB, RT, GL, etc) 4968'GL	22 Approximate date work will start*	23 Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No 1, shall be attached to this form

- | | |
|---|---|
| 1 Well plat certified by a registered surveyor | 4 Bond to cover the operations unless covered by an existing bond on file (see Item 20 above) |
| 2 A Drilling Plan | 5 Operator certification |
| 3 A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office) | 6 Such other site specific information and/or plans as may be required by the authorized office |

25 Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 12/17/2004
Title REGULATORY ANALYST		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 12-28-04
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Conditions of approval, if any, are attached

Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

*(Instructions on reverse)

Federal Approval of this
Action is NecessaryRECEIVED
DEC 20 2004
DIV OF OIL, GAS & MINING

T10S, R21E, S.L.B.&M.

WESTPORT OIL AND GAS COMPANY, L.P.

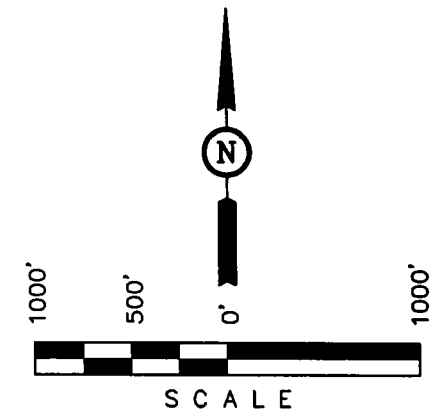
Well location, NBU #1021-12H, located as shown in the SE 1/4 NE 1/4 of Section 12, T10S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 16131
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED 09-29-04	DATE DRAWN 10-06-04
PARTY K.K. RW CG	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WESTPORT OIL AND GAS COMPANY, L.P.	

S89°50'W - 2677.62' (G.L.O.)

N89°52'07"E - 2677.30' (Meas.)

1977 Brass Cap,
Flush w/ Top
of Pile of Stones,
Steel Post

1977 Brass Cap,
0.4' Above Pile of
Stones, Steel Post

1977 Brass Cap,
0.1' Above Pile
of Stones

1772'

807'

NBU #1021-21H
Elev. Ungraded Ground = 4968'

Brass Cap

1977 Brass Cap,
1.2' Above Pile
of Stones

1977 Brass Cap,
0.4' High, Steel
Post, Pile of Stones

1977 Brass Cap,
1.0' Above Pile
of Stones, Steel
Post

S89°49'W - 2682.24' (G.L.O.)

N89°50'07"E - 2683.70' (Meas.)

1977 Brass Cap,
1.0' Above Pile
of Stones, Steel
Post

LINE TABLE

LINE	BEARING	LENGTH
L1	S00°16'18"E	150.10'
L2	S00°00'13"E	403.24'
L3	S00°43'44"E	184.81'

N00°21'W - 5369.76' (G.L.O.)

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 39°57'55.71" (39.965475)
LONGITUDE = 109°29'36.07" (109.493353)
(NAD 27)
LATITUDE = 39°57'55.84" (39.965511)
LONGITUDE = 109°29'33.60" (109.492667)

**NBU #1021-12H
SE/NE Sec. 12,T10S,R21E
UINTAH COUNTY, UTAH
UTU-0149081**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	1275'
Wasatch	4500'
Mesaverde	7300'
TD	9400'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1275'
Gas	Wasatch	4500'
Gas	Mesaverde	7300'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9,400' TD, approximately equals 3760 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1692 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application

9. **Variances:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

COMPANY NAME Westport Oil and Gas Co, L.P. DATE November 30, 2004
WELL NAME NBU 1021-12H TD 9,400' MD/TVD
FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 4,967' GL KB 4,982'
SURFACE LOCATION 1772' FNL & 807' FEL, SENE SEC 12, T10S, R21E BHL Straight Hole
Latitude 39 965475 Longitude 109 493353
OBJECTIVE ZONE(S) Wasatch/Mesaverde
ADDITIONAL INFO Regulatory Agencies BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept

GEOLOGICAL FORMATION			MECHANICAL		
LOGS	TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9-5/8", 32 3#, H-40, STC	Air mist
Catch water sample, if possible, from 0 to 4,500'					
	Green River @ 1,275'				
	Preset fl GL @ 2000 MD				
Mud logging program TBD Open hole logging program fl TD - surf csg					
	Wasatch @ 4,500'		7-7/8"	4-1/2", 11 6#, I-80 or equivalent LTC casing	Air Mist/Polymer Aerated Water/Bnne 8 3-10 0 ppg
	Mverde @ 7,300'				
	TD @ 9,400'				Max anticipated Mud required 10 0 ppg



Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT	GR	CPLG	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 2000	32 30	H-40	STC	7780	1 46	4 49
PRODUCTION	4-1/2"	0 to 9400	11 60	I-80	LTC	2 76	1 30	2 11

- 1) Max Anticipated Surf Press (MASP) (Surface Casing) = (Pore Pressure at next csg point - (0.22 psi/ft - partial evac gradient x TVD of next csg point))
 2) MASP (Prod Casing) = Pore Pressure at TD - (0.22 psi/ft - partial evac gradient x TD)
 (Burst Assumptions TD = 10.0 ppg) 22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption Fully Evacuated Casing, Max MW) (Tension Assumptions Air Weight of Casing * Buoy Fact of water)
 MASP 2820 psi

Burst SF is low but csg is much stronger than formation at 2000' - EOW @ 2000' for 2270 psi and 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + 25 pps flocele	215	60%	15 60	1 18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + 25 pps flocele	50		15 60	1 18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req		15 60	1 18
SURFACE Option 2	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized Prem cmt + 16% Gel + 10 pps gilsonite + 25 pps Flocele + 3% salt BWOC	170	35%	11 00	3 82
	TAIL	500	Premium cmt + 2% CaCl + 25 pps flocele	180	35%	15 60	1 18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req		15 60	1 18
PRODUCTION	LEAD	4,000'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	440	60%	11 00	3 38
	TAIL	5,400'	50/50 Poz/G + 10% salt + 2% gel + 1% R-3	1510	60%	14 30	1 31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float Centralize first 3 joints with bow spring centralizers Thread lock guide shoe
PRODUCTION	Float shoe, 1 jt, float collar Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing Test surface casing to 1,500 psi prior to drilling out

BOPE 11" 3M with one annular and 2 rams Test to 3,000 psi (annular to 1,500 psi) prior to drilling out Record on chart recorder & tour sheet Function test rams on each trip Maintain safety valve & inside BOP on ng floor at all times Kelly to be equipped with upper & lower kelly valves

Drop Totco surveys every 2000' Maximum allowable hole angle is 5 degrees

DRILLING ENGINEER:

Brad Laney

DATE:

DRILLING SUPERINTENDENT

Randy Bayne

DATE:

DHD_NBU1021-12H_APD.xls

**NBU #1021-12H
SE/NE Sec. 12,T9S,R21E
UINTAH COUNTY, UTAH
UTU-0149081**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBU#1021-12H on 12/15/04, for the subject well.

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 1.0 Miles +/- of new access road is proposed. Refer to Topo Map B.

Approximately 0.7 Miles +/- of an existing road needs upgraded. Refer to Topo Map B.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

A Right-A-Way will be required for the portion of pipeline which travels off lease in sections 7, & 18, T-10S-R22E, and section 13 T10S-R21E. The total distance of the pipeline will be approximately 10,000' 4" steel pipeline with a width of 30', The pipeline will follow the access road. Refer to Topo Map D.

The pipeline shall be buried where it crosses an active channel of wash. As discussed at the on-site inspection.

A 18" CMP will be required in Section 7-T10S-R22E. As discussed at the on-site inspection. Refer to Topo Map D.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. Methods of Handling Waste Materials:

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. Ancillary Facilities:

Please see the Natural Buttes SOP.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per previous onsite discussion, a 16 mil reserve pit liner with felt will be required.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Scarlet Globe Mallow	4 lbs.
Big Wyoming Sagebrush	1 lbs.
Galleta Grass	3 lbs.
Shadscale	4 lbs.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435)781-4400

12. Other Information:**WILDLIFE STIPULATIONS:**

REDATAIL HAWK: NO CONSTRUCTION OR DRILLING DURING APRIL 1ST – JULY 15TH.

GOLDEN EAGLE: NO CONSTRUCTION OR DRILLING DURING FEBRUARY 1ST – JULY 15TH.

Class III archaeological survey has been completed and submitted to Bureau of Land Management.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

All lease and/or operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The operator will control noxious weeds along Rights-of-Way for roads, pipeline, well sites, or other applicable facilities.

13. Lessee's or Operators's Representative & Certification:

Sheila Upchego
Regulatory Analyst
Westport Oil & Gas Company L.P.
P.O. Box 1148
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Westport Oil & Gas Company L.P.
P.O. Box 1148
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Westport O&G Co. L.P. is considered to be the operator of the subject well. Westport O&G Co. L.P. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR for lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

/s/ Sheila Upchego
Sheila Upchego



12/17/04
Date

WESTPORT OIL AND GAS COMPANY, L.P.
NBU #1021-12H
SECTION 12, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 7.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY, THEN NORTHWESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.0 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-12H

**LOCATED IN UINTAH COUNTY, UTAH
SECTION 12, T10S, R21E, S.L.B.&M.**

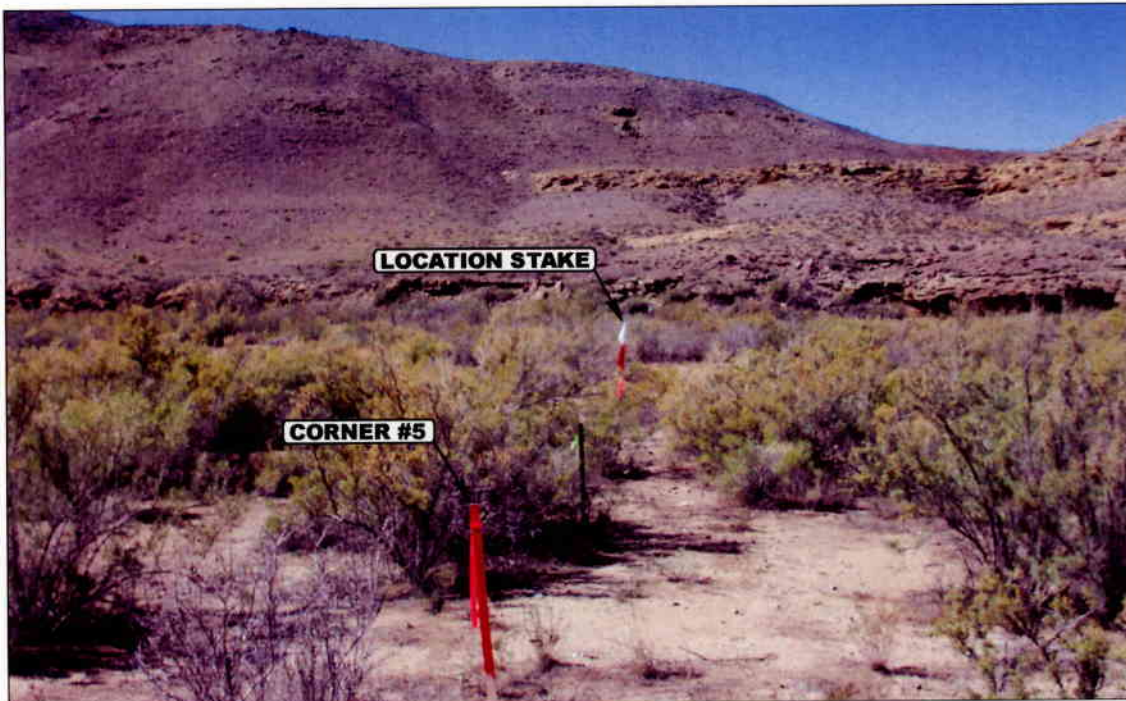


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: WESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

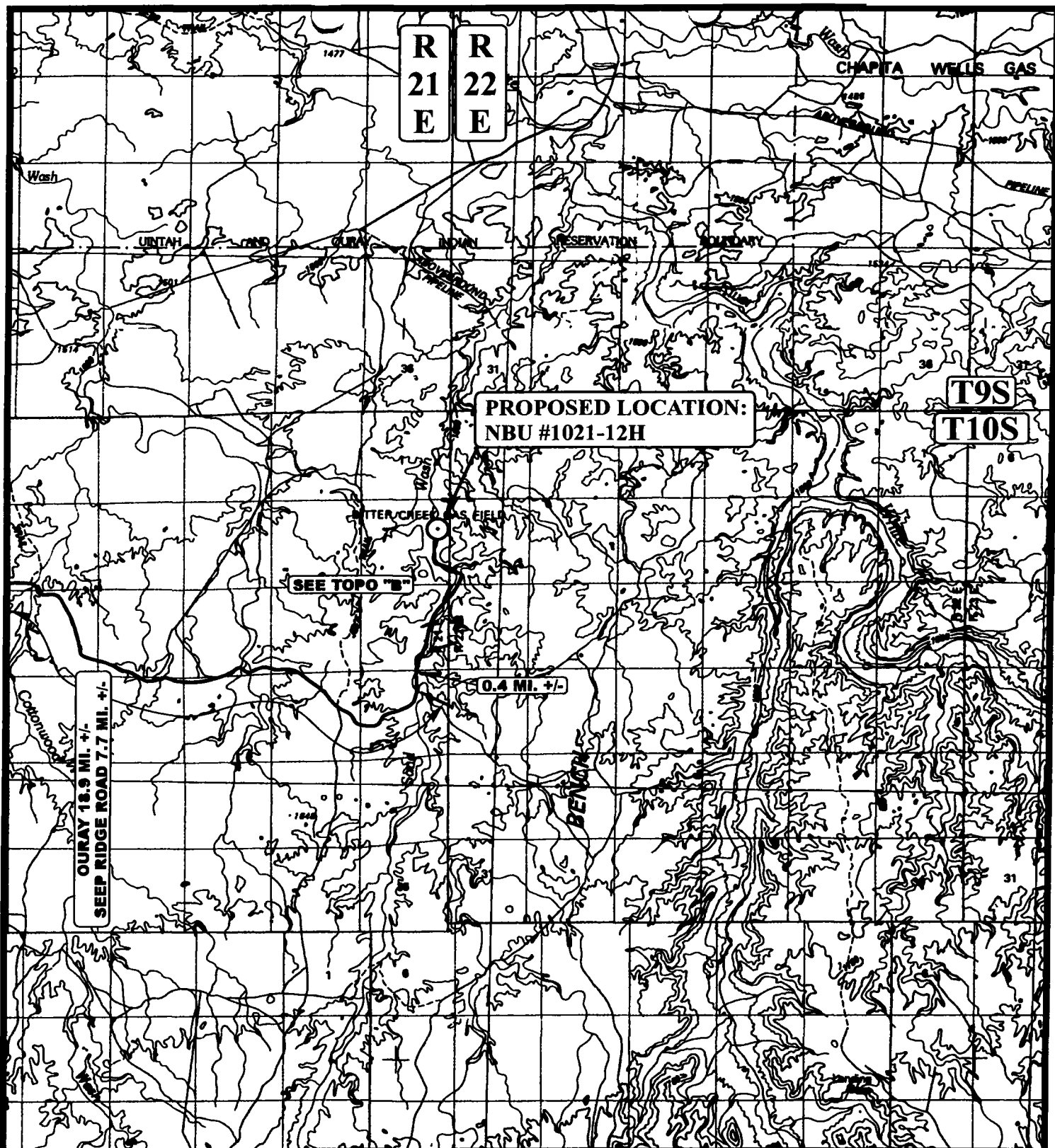
10 04 04
MONTH DAY YEAR

PHOTO

TAKEN BY: K.K.

DRAWN BY: P.M.

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-12H

SECTION 12, T10S, R21E, S.L.B.&M.

1772' FNL 807' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

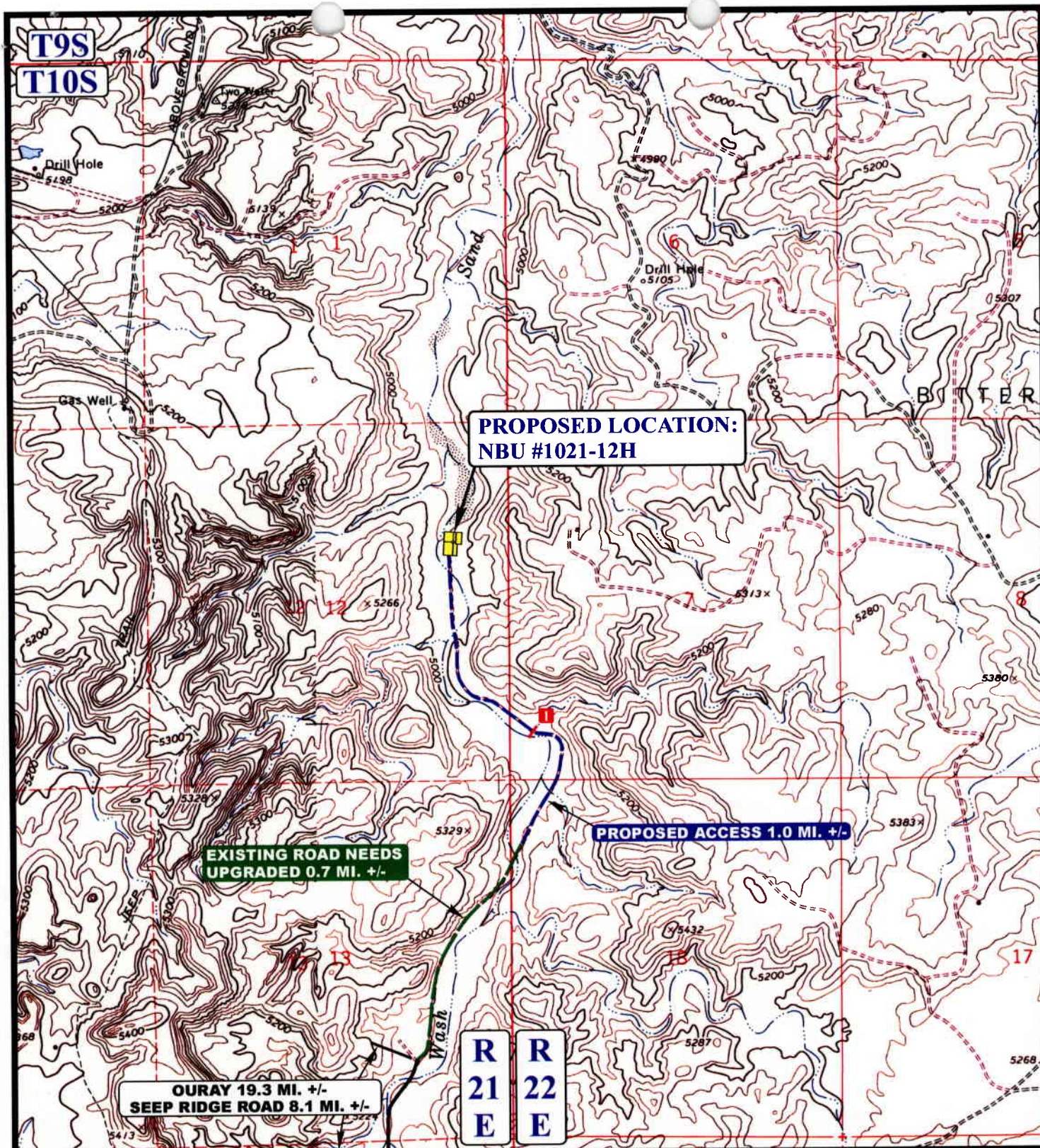
10 04 04
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: P.M.

REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD
- EXISTING ROAD NEEDS UPGRADED
- 18" CMP REQUIRED



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



WESTPORT OIL AND GAS COMPANY, L.P.

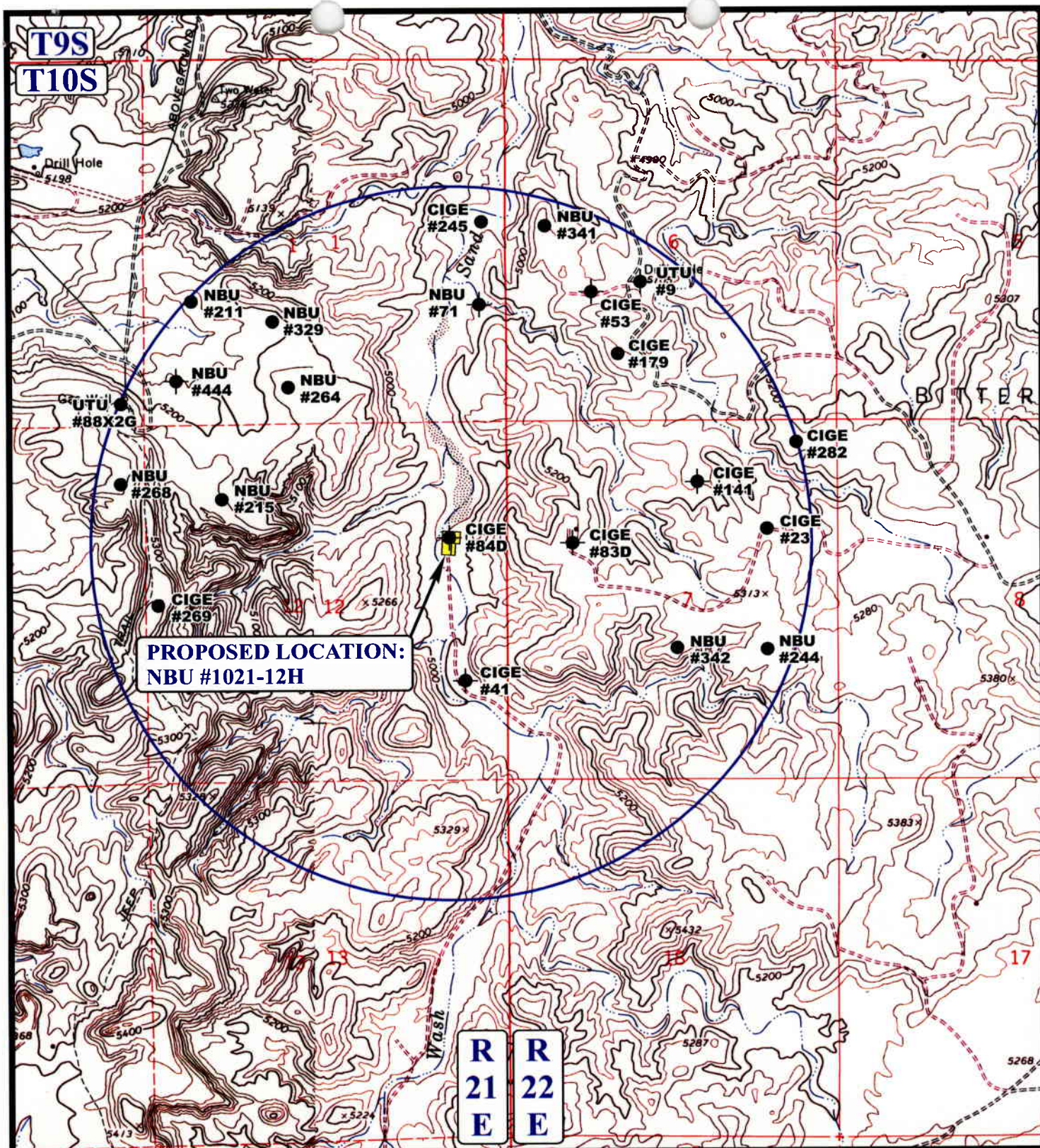
NBU #1021-12H
SECTION 12, T10S, R21E, S.L.B.&M.
1772' FNL 807' FEL

TOPOGRAPHIC
MAP

10 04 04
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

B
TOPO



LEGEND:

- | | |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS | ○ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-12H
SECTION 12, T10S, R21E, S.L.B.&M.
1772' FNL 807' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

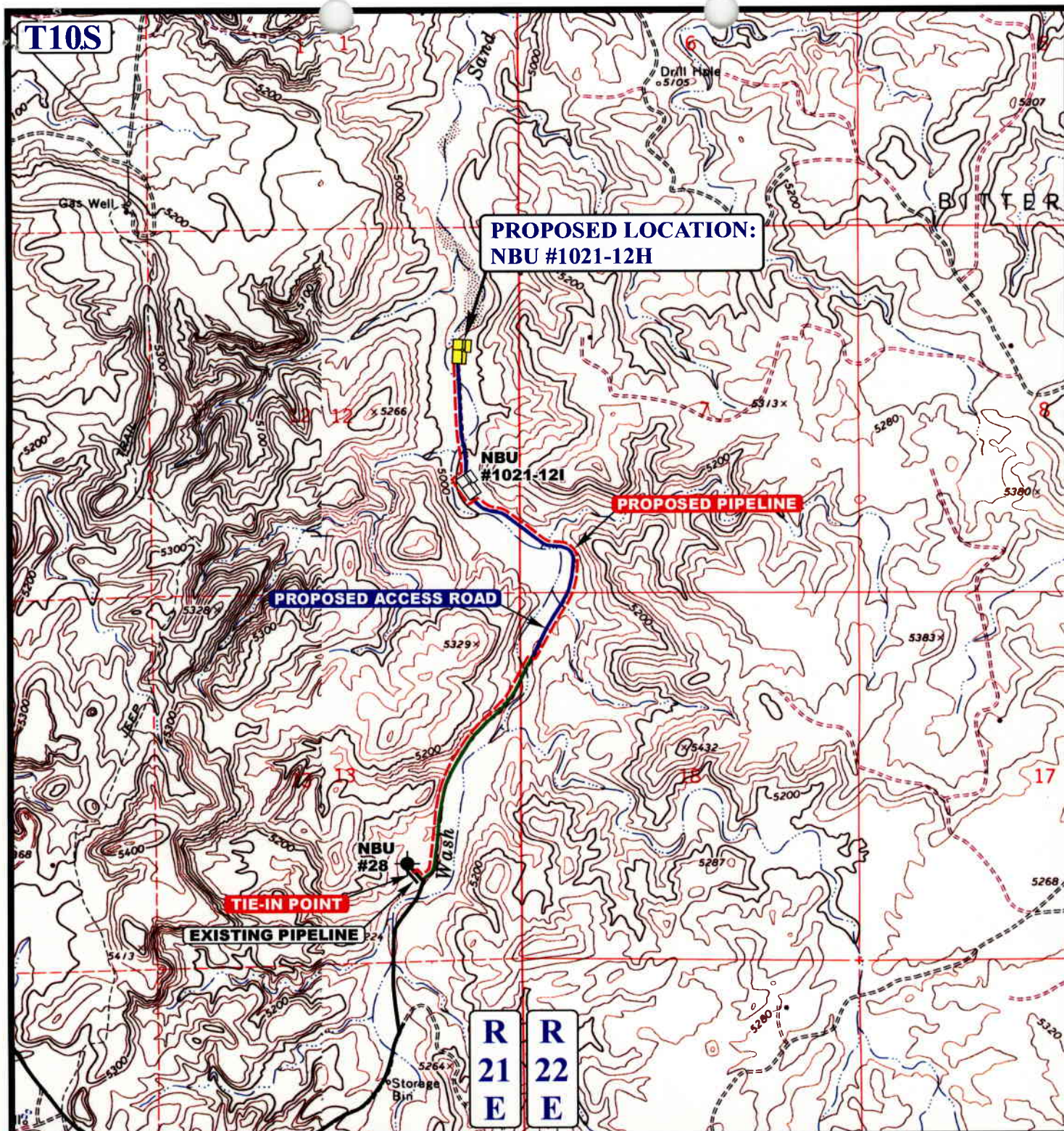


TOPOGRAPHIC
MAP

10 04 04
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 10,000' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - PROPOSED PIPELINE

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-12H
SECTION 12, T10S, R21E, S.L.B.&M.
1772' FNL 807' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



**TOPOGRAPHIC
MAP**

10 04 04
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00



WESTPORT OIL AND GAS COMPANY, L.P.

LOCATION LAYOUT FOR

NBU #1021-12H

SECTION 12, T10S, R21E, S.L.B.&M.

Approx. 1772' FNL 807' FEL
Top of
Cut Slope

Proposed Access Road

C-0.2'
El. 67.5'

Sta. 3+50

-Ed/

Round Corners
as Needed

SCALE: 1" = 50'
DATE: 10-07-04
Drawn By C.G.

NOTE.

Flare Pit is to be located
a min. of 100' from the
Well Head.

PIPE TUBS

PIPE RACKS

C-2.2'
El. 69.6'

C-1.7'
El. 69.0'

C-0.6'
El. 67.9'

Sta. 1+50

$F-0.3'$
El. 67.0'

TOILET ☐

TRAILER

WATER TANK ○

Approx.
Toe of
Fill Slope

Sta. 0+00

F-0.2'
El. 67.1'

NOTES:

Elev. Ungraded Ground At Loc. Stake = 4967.9'
FINISHED GRADE ELEV. AT LOC. STAKE = 4967.3'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
86 So 200 East * Vernal, Utah 84078 * (435) 789-1017

WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #1021-12H

SECTION 12, T10S, R21E, S.L.B.&M.

1772' FNL 807' FEL

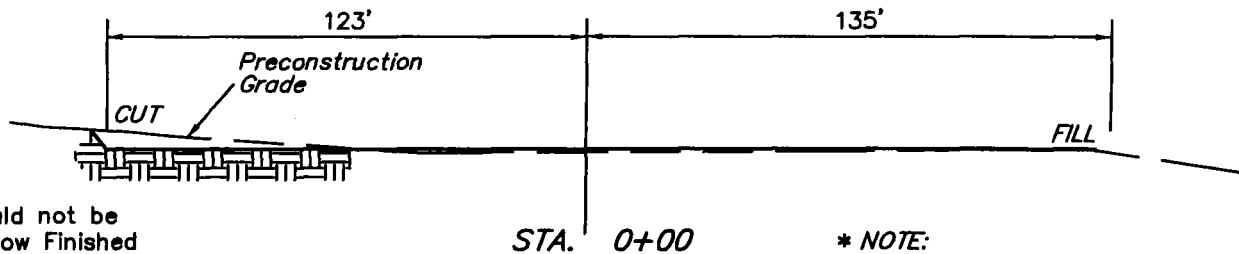
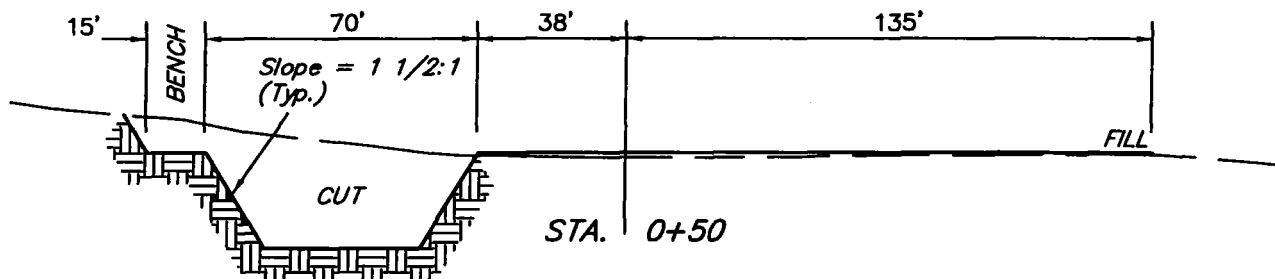
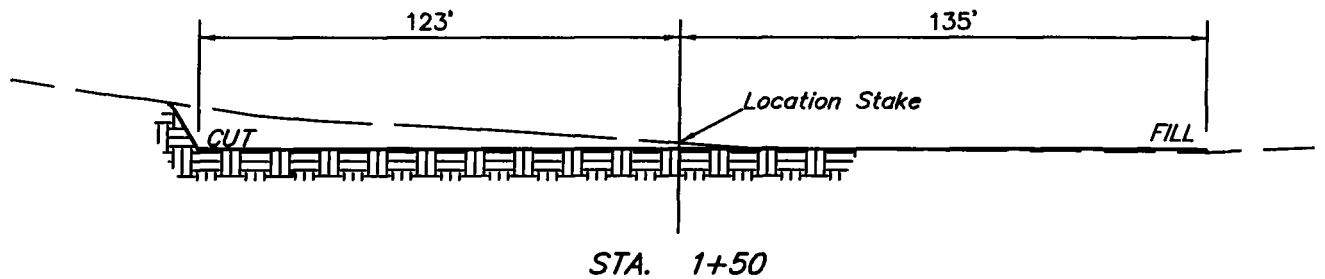
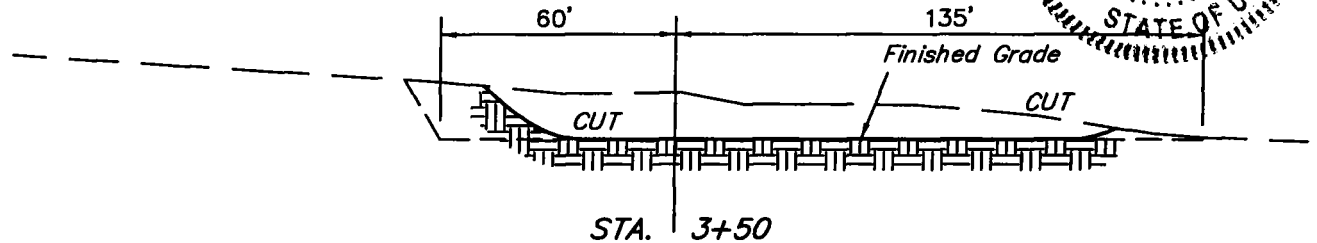
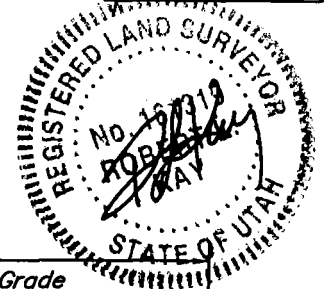
1" = 20'

X-Section
Scale

1" = 50'

DATE: 10-07-04

Drawn By: C.G.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,560 Cu. Yds.

Remaining Location = 5,840 Cu. Yds.

TOTAL CUT = 7,400 CU.YDS.

FILL = 920 CU.YDS.

EXCESS MATERIAL = 6,480 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 2,850 Cu. Yds.

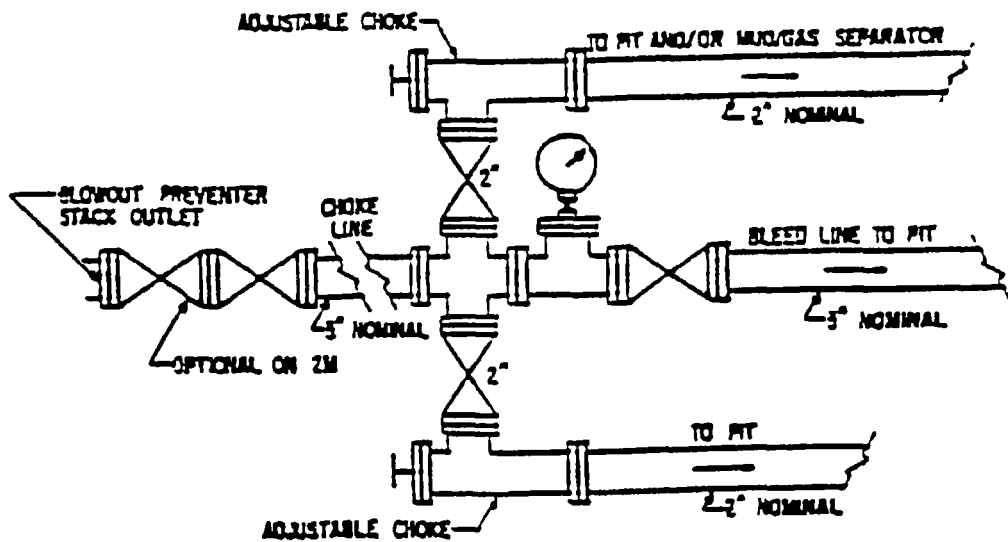
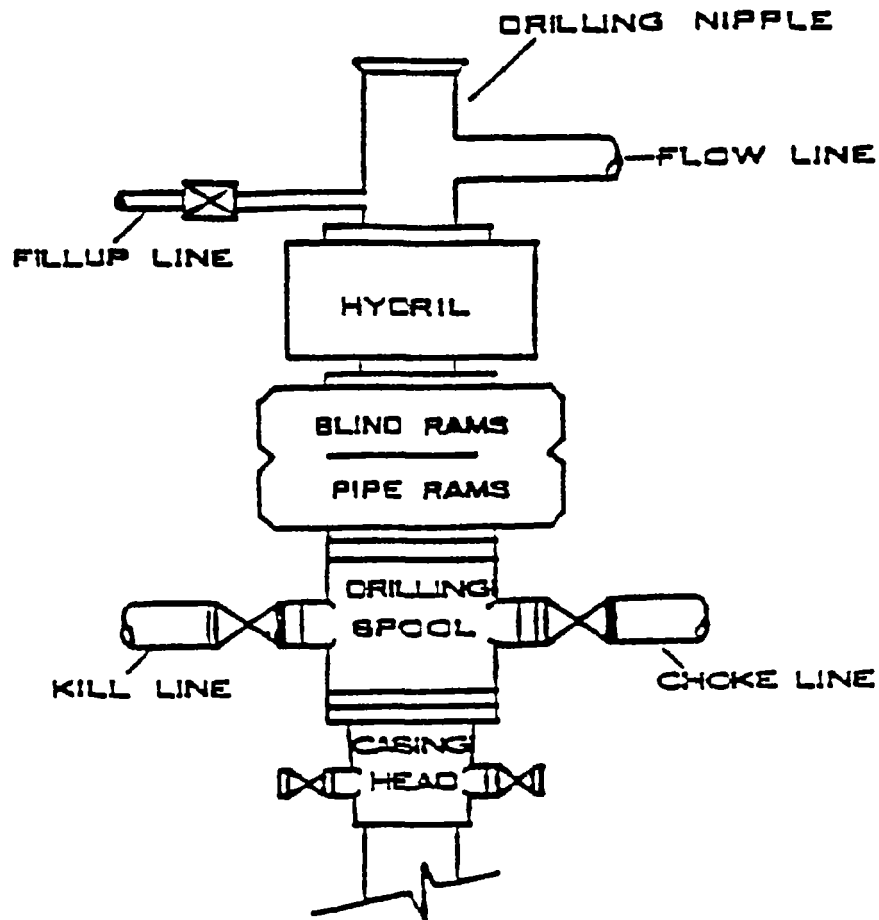
EXCESS UNBALANCE (After Rehabilitation) = 3,630 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

86 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

3,000 PSI

BOP STACK



WORKSHEET

APPLICATION FOR PERMIT TO DRILL

004

APD RECEIVED: 12/20/2004

API NO. ASSIGNED: 43-047-36182

WELL NAME: NBU 1021-12H

OPERATOR: WESTPORT OIL & GAS CO (N2115)

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

SENE 12 100S 210E

SURFACE: 1772 FNL 0807 FEL

BOTTOM: 1772 FNL 0807 FEL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-0149081

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

Geology

Surface

LATITUDE: 39.96552

LONGITUDE: -109.4925

RECEIVED AND/OR REVIEWED:

☒ Plat☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. CO-1203)☒ Potash (Y/N)☒ Oil Shale 190-5 (B) or 190-3 or 190-13☒ Water Permit
(No. 43-8496)☒ RDCC Review (Y/N)
(Date:)☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit NATURAL BUTTES

R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 173-14

Eff Date: 12-2-99

Siting: 460' W bdr of uncomm tract

R649-3-11. Directional Drill

COMMENTS:

SOP. Superab. Lic.

STIPULATIONS:

1- Federal approved
2- OIL SHALE

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

December 28, 2004

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2004 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Mesaverde)

43-047-36181 NBU 1022-21K Sec 21 T10S R22E 2342 FSL 2255 FWL

43-047-36182 NBU 1021-12H Sec 12 T10S R21E 1772 FNL 0807 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:12-28-04



State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

MARY ANN WRIGHT
Acting Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

December 28, 2004

Westport Oil & Gas Company, L P
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 1021-12H Well, 1772' FNL, 807' FEL, SE NE, Sec. 12,
T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36182.

Sincerely,

for John R. Baza
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Westport Oil & Gas Company, L P
Well Name & Number Natural Buttes Unit 1021-12H
API Number: 43-047-36182
Lease: UTU-0149081

Location: SE NE **Sec.** 12 **T.** 10 South **R.** 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

006 Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2 Name of Operator

WESTPORT OIL & GAS COMPANY, L.P

3a Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b Phone No (include area code)

435-781-7060

4 Location of Well (Footage, Sec, T, R, M, or Survey Description)

SENE SEC 12-T10S-R21E

1772' FNL 807' FEL

5 Lease Serial No

UTU-0149081

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No

891008900A

8 Well Name and No

NBU 1021-12H

9 API Well No

43-047-36182

10 Field and Pool, or Exploratory Area

NATURAL BUTTES

11 County or Parish, State

UINTAH, UTAH

12 CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other ROAD & PIPELINE RE-ROUTE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PURSUANT TO REQUEST, THE ROAD AND PIPELINE FOR THE ABOVE WELL HAVE BEEN RE-ROUTED TO COME FROM THE CIGE 245 LOCATION IN SEC 1-T10S-R21E PLEASE REFER TO THE ATTACHED PLATS

COPY SENT TO OPERATOR

Date: 5-5-05

Initials: LHO

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DEBRA DOMENICI

Title

ASSOCIATE ENVIRONMENTAL ANALYST

Signature

Date

April 26, 2005

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Title 18 USC Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

By: [Signature]
Date: 5/5/05
Approval should be obtained from appropriate
surface/land management agencies

RECEIVED
MAY 03 2005

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-12H
LOCATED IN UTAH COUNTY, UTAH
SECTION 12, T10S, R21E, S.L.B.&M.

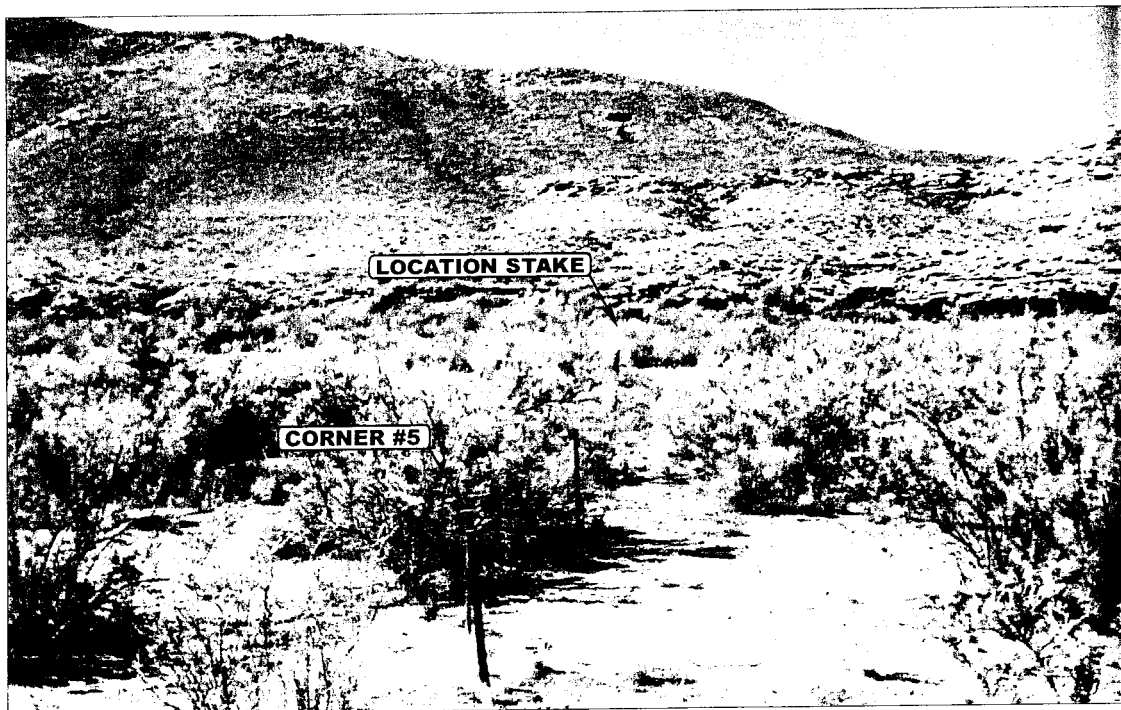


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: WESTERLY

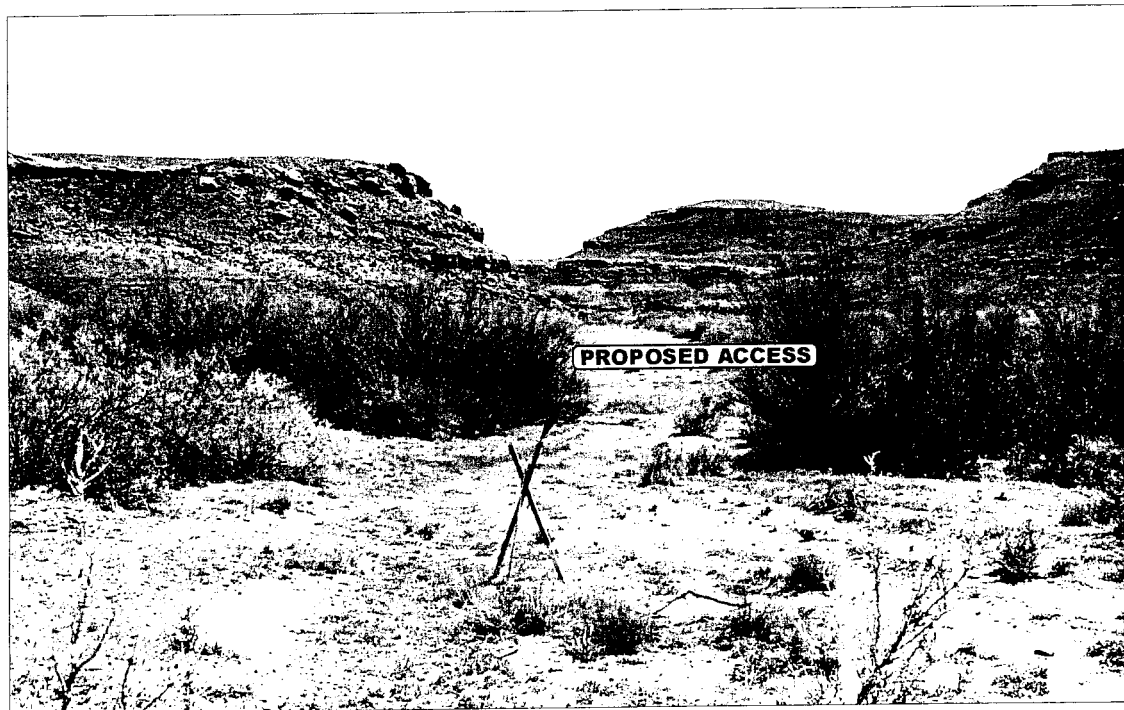


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

E&LS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

10 04 04
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: P.M.

REV: 03-28-05 L.K.

T10S, R21E, S.L.B.&M.

WESTPORT OIL AND GAS COMPANY, L.P.

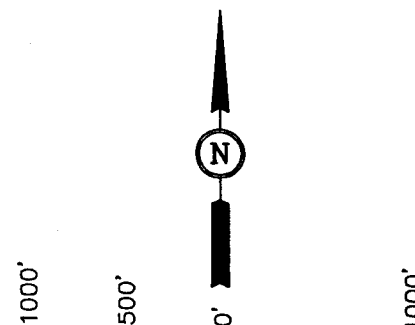
Well location, NBU #1021-12H, located as shown in the SE 1/4 NE 1/4 of Section 12, T10S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 09-29-04	DATE DRAWN: 10-06-04
PARTY K.K. R.W. C.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WESTPORT OIL AND GAS COMPANY, L.P.	

N00°21'W - 5369.76' (G.L.O.)

S89°50'W - 2677.62' (G.L.O.)

N89°52'07"E - 2677.30' (Meas.)

1977 Brass Cap,
Flush w/ Top
of Pile of Stones,
Steel Post

1977 Brass Cap,
0.4' Above Pile of
Stones, Steel Post

1977 Brass Cap,
0.1' Above Pile
of Stones

1772'

807'

Brass Cap

1977 Brass Cap,
1.2' Above Pile
of Stones

1977 Brass Cap,
1.0' Above Pile
of Stones, Steel
Post

1977 Brass Cap,
0.4' High, Steel
Post, Pile of Stones

1977 Brass Cap,
1.0' Above Pile
of Stones, Steel
Post

S89°49'W - 2682.24' (G.L.O.)

N89°50'07"E - 2683.70' (Meas.)

(NAD 83)

LATITUDE = 39°57'55.71" (39.965475)

LONGITUDE = 109°29'36.07" (109.493353)

(NAD 27)

LATITUDE = 39°57'55.84" (39.965511)

LONGITUDE = 109°29'33.60" (109.492667)

LEGEND:

└─ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

LINE TABLE		
LINE	BEARING	LENGTH
L1	S00°16'18"E	150.10'
L2	S00°00'13"E	403.24'
L3	S00°43'44"E	184.81'

WESTPORT OIL AND GAS COMPANY, L.P.

LOCATION LAYOUT FOR

NBU #1021-12H

SECTION 12, T10S, R21E, S.L.B.&M.

Approx 1772' FNL 807' FEL
Top of
Cut Slope

Proposed Access
Road to #1021-121

C-0.2'
El. 67.5'

Sta. 3+50

Edge

Round Corners
as Needed

SCALE: 1" = 50'

DATE: 10-07-04

Drawn By: C.G.

Revised: 04-08-05

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.

PIPE TUBS

PIPE RACKS

C-2.2'
El. 69.6'

C-1.7'
El. 69.0

C-0.6
El. 67.9'

Sta. 1+50

$F-0.3'$
 $El\ 67.0'$

TOILET ☐

WATER TANK C

Approx.
Toe of
Fill Slope

Sta. 0+00

F-0.2
El 671'

Topsoil Stockpile

Proposed Access Road

FIGURE #1

NOTES:

Elev Ungraded Ground At Loc Stake = 4967.9'

FINISHED GRADE ELEV AT LOC. STAKE = 4967.3'

UINTAH ENGINEERING & LAND SURVEYING

85 So 200 East * Vernal, Utah 84078 * (435) 789-1017

WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

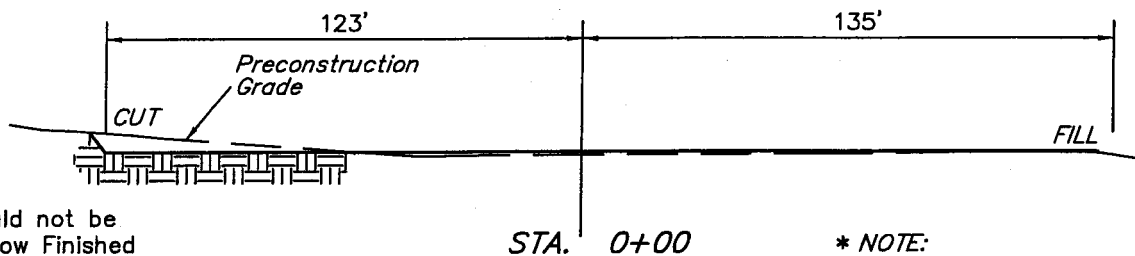
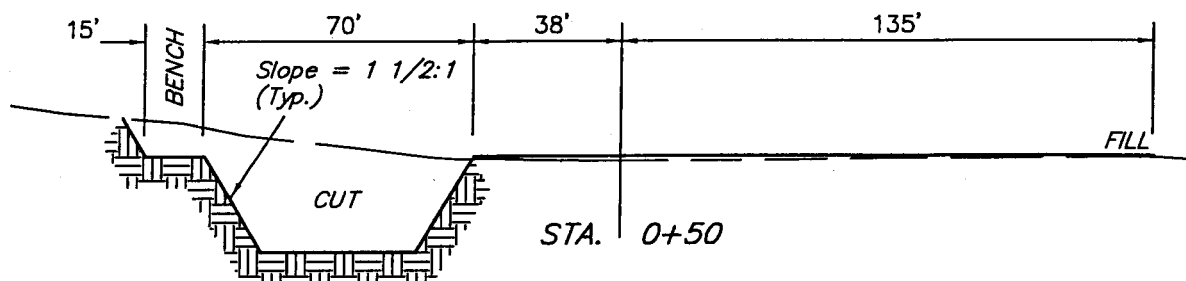
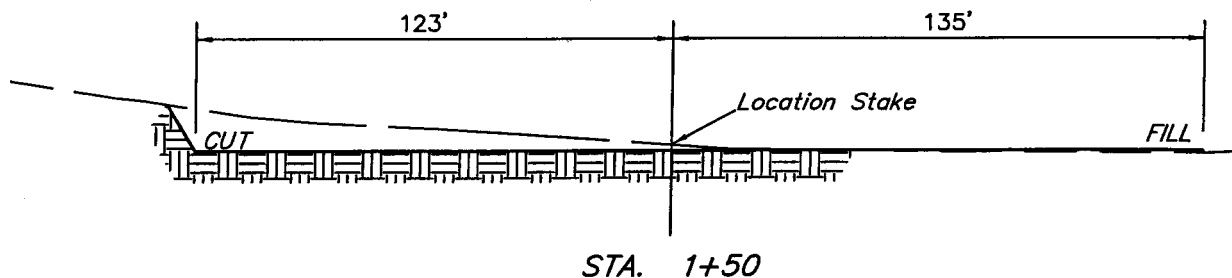
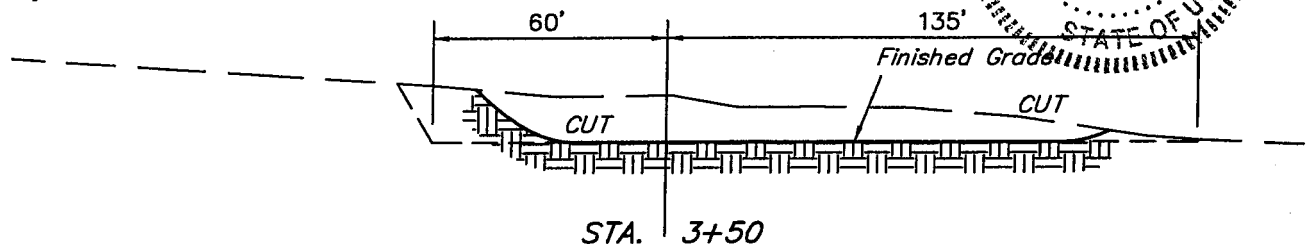
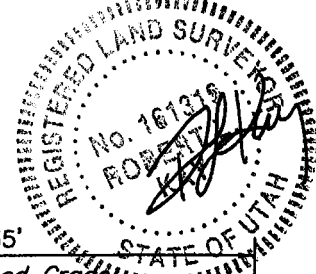
NBU #1021-12H

SECTION 12, T10S, R21E, S.L.B.&M.

1772' FNL 807' FEL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 10-07-04
Drawn By: C.G.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:

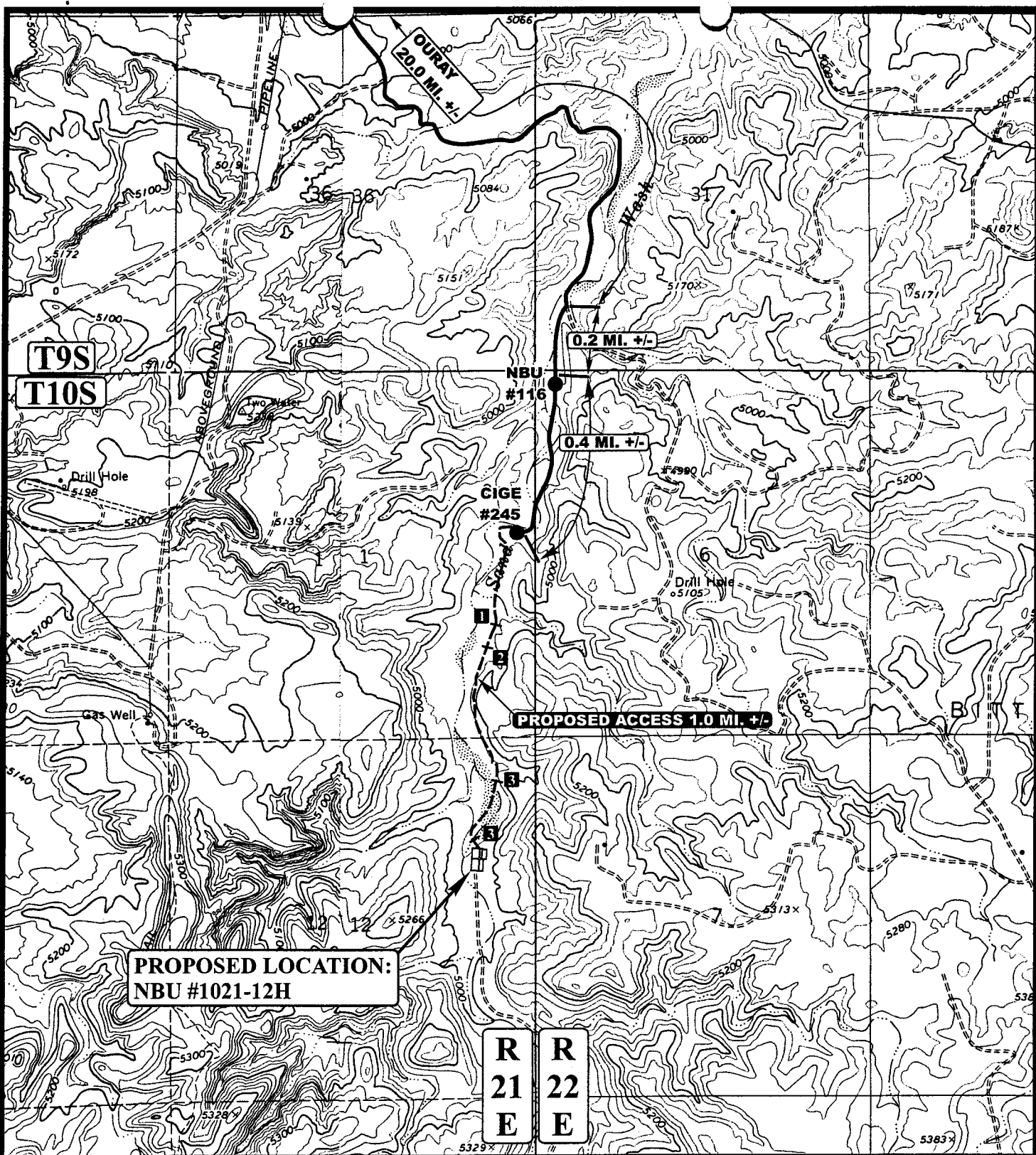
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,560 Cu. Yds.
Remaining Location	= 5,840 Cu. Yds.
TOTAL CUT	= 7,400 CU.YDS.
FILL	= 920 CU.YDS.

EXCESS MATERIAL	= 6,480 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,850 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 3,630 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD
- 1 18" CMP REQUIRED
- 2 24" CMP REQUIRED
- 3 LOW WATER CROSSING



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



WESTPORT OIL AND GAS COMPANY, L.P.

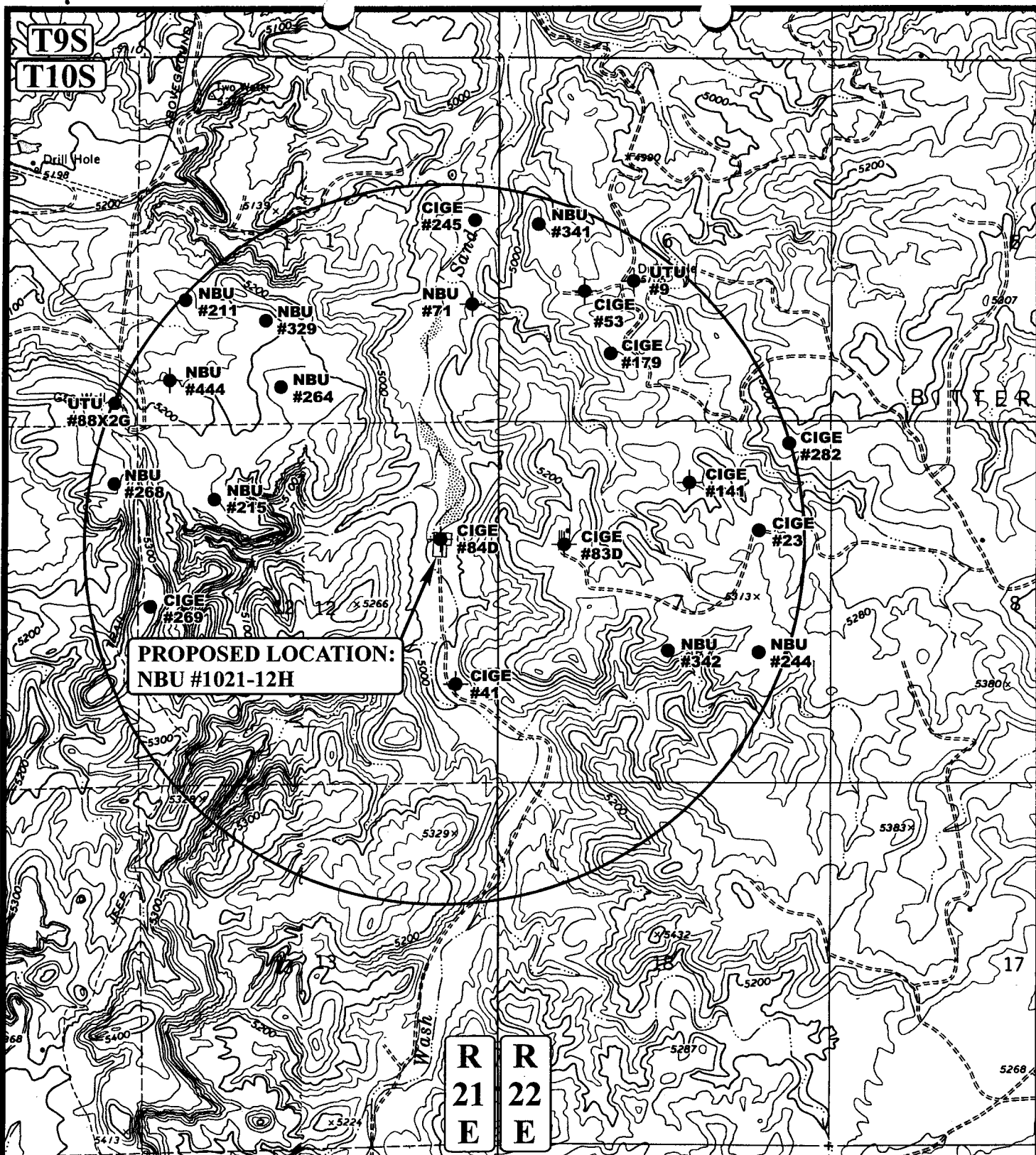
NBU #1021-12H
SECTION 12, T10S, R21E, S.L.B.&M.
1772' FNL 807' FEL

TOPOGRAPHIC
MAP

10	04	04
MONTH	DAY	YEAR

B
TOPO

SCALE: 1" = 2000' DRAWN BY: P.M. REV: 03-28-05 L.K.



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-12H
SECTION 12, T10S, R21E, S.L.B.&M.
1772' FNL 807' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
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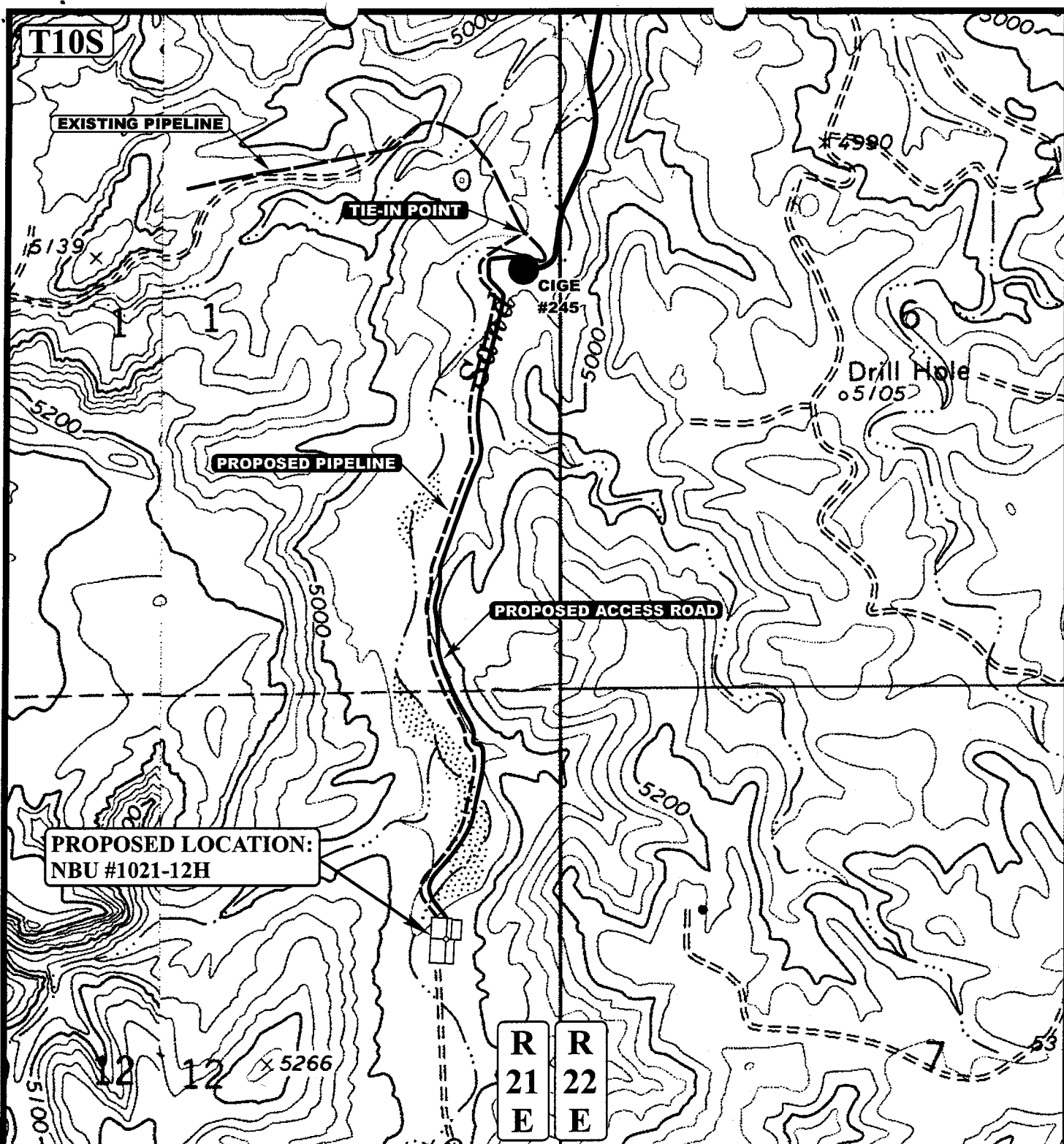


TOPOGRAPHIC
MAP

10 04 04
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 5420' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-12H
SECTION 12, T10S, R21E, S.L.B.&M.
1772' FNL 807' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

10 04 04
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: P.M. REV: 03-28-05 L.K.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SENE SECTION 12-T10S-R21E 1772'FNL & 807'FEL

5. Lease Serial No.

UTU-0149081

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1021-12H

9. API Well No.

43-047-36182

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other DOGM APD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	EXTENSION
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON DECEMBER 28, 2004.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 12-13-05

By: 

COPY SENT TO OPERATOR
Date: 12-13-05
Initials: CHO

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upcheggo

Signature: 

Title

Regulatory Analyst

Date

December 1, 2005

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

(Instructions on reverse)

DEC 06 2005

DIV OF OIL, GAS AND MINING

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304736182
Well Name: NBU 1021-12H
Location: SENE SECTION 12-T10S-R21E
Company Permit Issued to: WESTPORT OIL & GAS CO., L.P.
Date Original Permit Issued: 12/28/2004

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

12/1/2005

Date

Title: REGULATORY ANALYST

Representing: WESTPORT OIL & GAS COMPANY L.P.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0149081
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator WESTPORT OIL & GAS COMPANY, LP		7. If Unit or CA Agreement, Name and No. NATURAL BUTTES
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		8. Lease Name and Well No. NBU 1021-12H
3b. Phone No. (include area code) Ph: 435.781.7024		9. API Well No. 1304736182
4. Location of Well (Report location clearly and in accordance with any State requirements) At surface SENE 1772FNL 807FEL At proposed prod. zone SENE 1772FNL 807FEL		10. Field and Pool, or Exploratory NATURAL BUTTES
14. Distance in miles and direction from nearest town or post office* 28.2 MILES SOUTHEAST OF OURAY, UTAH		11. Sec., T., R., M., or Blk. and Survey or Area Sec 12 T10S R21E Mer SLB
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 807'		12. County or Parish UINTAH
16. No. of Acres in Lease 400.00		13. State UT
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C		17. Spacing Unit dedicated to this well 40.00
19. Proposed Depth 9400 MD		20. BLM/BIA Bond No. on file CO-1203
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4968 GL		22. Approximate date work will start
23. Estimated duration		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) SHEILA UPCHEGO Ph: 435.781.7024	Date 12/17/2004
Title OPERATIONS	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY	
Approved by (Signature) <i>[Signature]</i>		
Title Field Manager	Name (Printed/Typed)	Date 01/27/2006
Title Mineral Resources	Office	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #52045 verified by the BLM Well Information System
For WESTPORT OIL & GAS COMPANY, LP, sent to the Vernal
Committed to AFMSS for processing by LESLIE WALKER on 12/20/2004

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED
FEB 02 2006

DIV. OF OIL, GAS & MINING

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

05LW0567AE

105 11/29/04



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**
170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Westport Oil & Gas Company, L.P. **Location:** SENE, Sec. 12, T10S, R21E
Well No: NBU 1021-12H **Lease No:** UTU-0149081
API No: 43-047-36182 **Agreement:** Natural Buttes Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
After hours contact number: (435) 781-4513		FAX: (435) 781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Holly Villa)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Holly Villa)	- Prior to moving on the drilling rig.
Spud Notice (Notify PE)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify PE)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- Paint all facilities Fuller O'Brian color Carlsbad Canyon (2.5Y 6/2). Any paint brand may be used provided the colors match.
- The lessee/operator is given notice that lands in the lease have been identified as containing a golden eagle nest. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from February 1st through July 15th. A survey may be conducted by a qualified biologist or a BLM representative during this timing period to determine if golden eagles are in the area.
- The authorized officer may prohibit surface disturbing activities during wet and muddy periods to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The interim seed mix for this location shall be:

Crested Wheatgrass	<i>Agropyron cristatum</i>	6lbs. /acre
Galleta grass	<i>Hilaria jamesii</i>	6lbs. /acre

 - All pounds are in pure live seed.
 - Reseeding may be required if first seeding is not successful.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding should take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the resspreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Report ALL water shows and water-bearing sands to John Mayers of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable.

The variances requested in section 9 of the NBU Field SOP are granted with the following conditions:

- Where the location and rig layout allows, the blooie line shall be straight and extend 100' from the wellbore. This requirement will be waived only in the case where the location is too small to accommodate it.
- As a minimum requirement, the cement behind the production casing must extend at least 200' above the top of the surface casing shoe.
- Cement Bond Logs will be required from TD of the production casing to the top of cement.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed.

Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

- **Please submit an electronic copy of all logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and / or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-0149081
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		6. If Indian, Allottee or Tribe Name
3a. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	3b. Phone No. (include area code) 435-781-7060	7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SENE SEC 12-T10S-R21E 1772' FNL 807' FEL		8. Well Name and No. NBU 1021-12H
		9. API Well No. 43-047-36182
		10. Field and Pool, or Exploratory Area NATURAL BUTTES
		11. County or Parish, State UINTAH, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	INTERIM SURFACE
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	RECLAMATION PLAN

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

WHEN THE PIT IS BACKFILLED, WITHIN 180 DAYS OF WELL COMPLETION, OPERATOR SHALL SPREAD THE TOPSOIL PILE ON THE LOCATION UP TO THE RIG ANCHOR POINTS. THE LOCATION WILL BE RESHAPED TO THE ORIGINAL CONTOUR TO THE EXTENT POSSIBLE. OPERATOR WILL RESEED THE AREA USING THE BLM RECOMMENDED SEED MIXTURE AND RECLAMATION METHODS.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
FEB 08 2006

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) DEBRA DOMENICI	Title ASSOCIATE ENVIRONMENTAL ANALYST
Signature <i>Debra Domenici</i>	Date February 2, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other CHANGE OF OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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(Instructions on reverse)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERALS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

UTU-0149081

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES

8. Well Name and No.

NBU 1021-12H

9. API Well No.

4304736182

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR McGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SENE SEC 12-T10S-R21E

1772' FNL 807' FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON DECEMBER 12, 2005.

Approved by the
Utah Division of
Oil, Gas and Mining

12/28/04

RECEIVED

NOV 07 2006

DIV. OF OIL, GAS & MINING

Date: 11-07-06
By: [Signature]

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Signature

[Signature: Ramey Hoopes]

Date

November 1, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304736182
Well Name: NBU 1021-12H
Location: SENE SEC 21-T10S-R21E
Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 12/12/2005
12/29/04

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Ramsey Hoopes
Signature

11/1/2006
Date

Title: Regulatory Clerk

Representing: Kerr McGee Oil and Gas Onshore LP

**RECEIVED
NOV 07 2006**

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

UTU-0149081

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1021-12H

9. API Well No.

4304736182

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR MCGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1772' FNL 807' FEL

SENE, SEC 12-T10S-R21E

DEC 04 2006

BLM VERNAL, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	BLM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT ON JANUARY 27, 2006.

RECEIVED
FEB 02 2007
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Signature

Ramey Hoopes

Date

December 4, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

James F. Ashley

Petroleum Engineer

Date

JAN 17 2007

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL ATTACHED

UDOGM



**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304736182
Well Name: NBU 1021-12H
Location: SENE, SEC 12-T10S-R21E
Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 1/27/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Ramey Hoopes
Signature

12/4/2006
Date

Title: REGULATORY CLERK

Representing: Kerr McGee Oil and Gas Onshore LP

CONDITIONS OF APPROVAL

Kerr-McGee Oil & Gas

Notice of Intent APD Extension

Lease: UTU-0149081
Well: NBU 1021-12H
Location: SENE Sec 12-T10S-R21E

An extension for the referenced APD is granted with the following conditions:

1. The extension and APD shall expire on 1/27/08.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Jim Ashley of this office at (435) 781-4470.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-McGEE OIL & GAS ONSHORE, LP

Well Name: NBU 1021-12H

Api No: 43-047-36182 Lease Type: FEDERAL

Section 12 Township 10S Range 21E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

SPUDDED:

Date 10/ 08/07

Time 10:30 AM

How DRY

Drilling will Commence: _____

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 10/10/07 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304786182	NBU 1021-12H	SENE	12	10S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
B	99999	2900	10/8/2007	10/17/07		
Comments: MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 10/08/2007 @ 1030HRS. WSMVD						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738850	STATE 1021-36C	NENW	36	10S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	16396	10/8/2007	10/17/07		
Comments: MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 10/08/2007 @ 1100 HRS. WSMVD						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

Title

10/8/2007

Date

RECEIVED

OCT 17 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-0149081

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A
NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1021-12H

9. API Well No.

4304736182

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR MCGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1772'FNL-807'FEL

SENE SEC 12-T10S-R21E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SET
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SURFACE CSG
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU BILL MARTIN AIR RIG ON 10/10/2007. DRILLED 12 1/4" SURFACE HOLE TO 2120'. RAN 9 5/8 OF 52 JTS OF 32.3# H-40 AND 2 JTS OF 36# J-55 SURFACE CSG. LEAD CMT W/180 SX HIFILL CLASS G @ 11.0 PPG 3.82 YLD. TAILED CMT W/200 SX PREM CLASS G @ 15.8 PPG 1.15 YLD. RAN 200' OF 1" PIPE. CMT W/150 SX PREM CLASS G @ 15.8 PPG 1.15 YLD. DOWN BACKSIDE. TOP OUT W/125 PREM CLASS G @ 15.8 PPG 1.15 YLD. DOWN BACKSIDE. GOOD CMT TO SURFACE AND STAYED AT SURFACE. WORT.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

October 15, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED
OCT 24 2007
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

UTU 0149081

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT # 891008900A
NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1021-12H

9. API Well No.

4304736182

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR MCGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1772'FNL-807'FEL

SENE SEC 12-T10S-R21E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other WELL SPUD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU-PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'.

RAN 14" 36.7# H-40 CONDUCTOR PIPE. CMT W/28 SX READY MIX.

SPUD WELL @ 1030 HRS ON 10/08/2007.

RECEIVED

OCT 24 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

October 8, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/NE SEC. 12, T10S, R21E 1772'FNL, 807'FEL

5. Lease Serial No.

UTU-0149081

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**UNIT #891008900A
NATURAL BUTTES UNIT**

8. Well Name and No.

NBU 1021-12H

9. API Well No.

4304736182

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 01/11/2008 AT 10:35 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

January 14, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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(Instructions on reverse)

JAN 28 2008

DIV. OF OIL, GAS & MINING



Anadarko Petroleum Corporation
1368 S. 1200 East
Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1021-12H

LOCATION SENE SEC.12, T10S, R21E
UINTAH COUNTY, UT

DATE	ACTIVITY	STATUS
09/21/07	LOCATION STARTED PIONEER 53	
10/08/07	LOCATION COMPLETED SET CONDUCTOR PIONEER 53	P/L IN, WOBR WOBR
10/10/07	SET AIR RIG PIONEER 53	DRILLING
10/17/07	9-5/8" @ 2104' PIONEER 53	WORT
10/25/07	TD: 2120' Csg. 9 5/8" @ 2104' MW: 8.4 Move rig f/ 1021-1P. 100% moved and 60% rigged up @ report time.	SD: 10/XX/07 DSS: 0
10/26/07	TD: 2120' Csg. 9 5/8" @ 2104' MW: 8.4 RURT. NU and test BOPE @ report time.	SD: 10/XX/07 DSS: 0
10/29/07	TD: 6550' Csg. 9 5/8" @ 2104' MW: 10.3 Test BOPE. PUDS and drill FE. Rotary spud @ 1830 hrs	SD: 10/26/07 DSS: 3 Drill from 2120'-6550'. DA.
10/30/07	TD: 7351' Csg. 9 5/8" @ 2104' MW: 10.5 Drill from 6550'-7351'. CCH and prepare to TFNB.	SD: 10/26/07 DSS: 4
10/31/07	TD: 8110' Csg. 9 5/8" @ 2104' MW: 11.0 TFNB and MM. Drill from 7351'-8110'. DA.	SD: 10/26/07 DSS: 5
11/01/07	TD: 8529' Csg. 9 5/8" @ 2104' MW: 11.6 Drill from 8110'-8529'. TFNB. TIH @ report time.	SD: 10/26/07 DSS: 6
11/02/07	TD: 8965' Csg. 9 5/8" @ 2104' MW: 12.2 FIH. Drill from 8529'-8900'. CBU and change TD. Drill to 8965' TD. Short trip and raise mud weight to 12.2 ppg. LDDP @ report time.	SD: 10/26/07 DSS: 7
11/05/07	TD: 8965' Csg. 9 5/8" @ 2104' MW: 12.2 LDDS. Run Triple Combo. Run and cement 4 1/2" Production Casing. Land casing and release rig @ 1630 hrs 11/3/07. RDRT and move to NBU 1021-10.	SD: 10/26/07 DSS: 7
01/07/08	MIRIG Days On Completion: 1 Remarks: 7:AM HSM. ROAD RIG TO LOC. RU RIG. SPOT EQUIP. ND WELLHEAD, NU BOP.PU 37/8" MILL. RIH, TALLING & PU TBG. GOT TO 6000' FT.SDFN 5:30 PM	
01/08/08	C/O CMT Days On Completion: 2	

Remarks: 7:00 a.m. HSM CONT TO RIH W/ TBG. TAG FILL @ 8883'. R/U DRL EQUIP. R/U PMP & LINES. BRK REV CIRC W/ 2% KCL & BEG TO DRL. C/O CMT, DRL UP FLOAT COLLAR @ 8914'. CONT TO DRL 20' CMT. EOT @ 8934'. CIRC WELL CLEAN. R/D DRL EQUIP. POOH STAND BACK TBG. L/D BIT & BITSUB. MIRU B&C QUICK TST. FILL CSG & PSI TST CSG & FRAC VLV'S TO 7500# (HELD). RDMO B&C. PREP TO FRAC IN A.M. WINTERIZE W.H. SWI. SDFN

01/09/08

Perf & Frac

Days On Completion: 3

Remarks: 7:00 A.M. HSM MIRU CUTTERS. MIRU WEATHERFORD FRAC. ALL STAGES SHOT W/ 3 3/8" EXP PERF GUNS LOADED W/ 23 GM CHARGES. 2,3 & 4 SPF, 90,120 & 180 DEG PHASING. ALL ZONES INCLUDE NALCO DVE-005 SCALE INHIB, 3 GPT IN PAD & 1/2 RAMP, 10 GPT IN FLUSH. ALL ZONES TAILED IN W/ 5000# TLC SAND FOR SAND CONTROLL. ALL CBP'S ARE 4 1/2" BAKER 8K CBP'S.

STG 1: P/U 3 3/8" PERF GUNS & RIH. SHOOT 20 HOLES F/ 8907 - 8912', P/U SHOOT 20 HOLES F/ 8898' - 8903'. POOH, PRIME PUMPS. PSI TST TO 8500# (HELD). OPEN WELL, BEGIN PMP @ 8:30 A.M. BRK DWN PERF'S @ 2882#, EST INJ RT @ 50.9 BPM @ 4500#, ISIP 2316#, FG .70. TREAT STG 1 W/ 36,337# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 1208 BBLS. ISIP 3009#, NPI 693#, FG .78

STG 2: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 8658', P/U SHOOT 4 HOLES F/ 8622' - 24' (2 SPF), P/U SHOOT 12 HOLES F/ 8531' - 37' (2 SPF). P/U SHOOT 24 HOLES F/ 8531' - 37'. POOH. BRK DWN PERF'S @ 3224#, EST INJ RT @ 50.6 BPM @ 4800#, ISIP 2695#, FG .75, TREAT STG 2 W/ 19,770# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 648 BBLS. ISIP 2850#, NPI 155#, FG .77

STG 3: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 8380', P/U SHOOT 18 HOLES F/ 8344' - 50' (3 SPF), P/U SHOOT 15 HOLES F/ 8308' - 13' (3 SPF), P/U SHOOT 9 HOLES F/ 8240' - 43' (3 SPF). POOH. BRK DWN PERF'S @ 3468#, EST INJ RT @ 50.9 BPM @ 3800#, ISIP 2322#, FG .72. TREAT STG 3 W/ 108,387# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 2917 BBLS. ISIP 2755#, NPI 433#, FG .77

STG 4: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 8052', P/U SHOOT 8 HOLES F/ 8020' - 22', P/U SHOOT 16 HOLES F/ 7905' - 09', P/U SHOOT 18 HOLES F/ 7833' - 39' (3 SPF). POOH. BRK DWN PERF'S @ 2201#, EST INJ RT @ 49.8 BPM @ 4430#, ISIP 2083#, FG .70, TREAT STG 4 W/ 31,600# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 932 BBLS. ISIP 2446#, NPI 363#, FG .75

STG 5: P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH. SET CBP @ 7774', P/U SHOOT 16 HOLES F/ 7435' - 37', P/U SHOOT 12 HOLES F/ 7722' - 26' (3 SPF), P/U SHOOT 12 HOLES F/ 7564' - 70' (2 SPF). POOH. BRK DWN PERF'S @ 6733#, EST INJ RT @ 49.7 BPM @ 4500#, ISIP 3093#, FG .84, TREAT STG 5 W/ 44,077# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 1417 BBLS. ISIP 2815#, NPI -278#, FG .81

STG 6: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 7474', P/U SHOOT 8 HOLES F/ 7435' - 37', P/U SHOOT 8 HOLES F/ 7406' - 08', P/U SHOOT 16 HOLES F/ 7337' - 41', P/U SHOOT 6 HOLES F/ 7255' - 58' (2 SPF). POOH, BRK DWN PERF'S @ 3696#, EST INJ RT @ 50.8 BPM @ 4725#, ISIP 2691#, FG .81, TREAT STG 6 W/ 34,280# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 1003 BBLS. ISIP 2561#, NPI -130#, FG .79

STG 7: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 7157', P/U SHOOT 16 HOLES F/ 7123' - 27', P/U SHOOT 18 HOLES F/ 7042' - 48' (3 SPF). P/U SHOOT 9 HOLES F/ 6957' - 60' (3 SPF). POOH. BRK DWN PERF'S @ 2097#, EST INJ RT @ 50.1 BPM @ 3800#, ISIP 1520#, FG .66, TREAT STG 7 W/ 53,876# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 1286 BBLS, ISIP 2325#, NPI 805#, FG .77

P/U 4 1/2" CBP & RIH. SET KILL PLUG @ 6907'. POOH. RDMO CUTTERS. RDMO WEATHERFORD. WINTERIZE W.H. SWI. SDFN

01/10/08

drl cbp's

Days On Completion: 4

Remarks: 7:00 A.M. HSM ND FRAC VLV'S. NU BOPE. P/U 3 7/8" BIT, POBS & RIH W/ TBG. TAG KILL PLUG @ 6907', R/U DRL EQUIP, R/U PMP & LINES. BRK CONV CIRC W/ 2% KCL & BEG TO DRL. DRL UP KILL PLUG, (700# PSI INC). CONT TO RIH. TAG FILL @ 7137', (20' FILL). C/O TO 2ND CBP @ 7157'. DRL UP 2ND CBP, (300# PSI INC). CONT TO RIH. TAG FILL @ 7454', (20' FILL). C/O TO 3RD CBP @ 7474'. DRL UP 3RD CBP (500# PSI INC). CONT TO RIH. TAG FILL @ 7746', (28' FILL). C/O TO 4TH CBP @ 7774'. DRL UP 4TH CBP IN 1 HR. PLUG STUCK TO BIT. (800# PSI INC). CONT TO RIH. TAG FILL @ 8027'. (25' FILL). C/O TO 5TH CBP @ 8052'. DLR UP 5TH CBP (500# PSI INC). CONT TO RIH. TAG FILL @ 8350', (30' FILL). C/O TO 6TH CBP @ 8380'. DRL UP 6TH CBP (300# PSI INC). CONT TO RIH. TAG FILL @ 8904', (30' FILL). C/O TO 7TH CBP @ 8934'. DRL UP 7TH CBP (500# PSI INC). CONT TO RIH. TAG FILL @ 8904', (30' FILL). C/O TO PBTD @ 8934'. CIRC WELL CLEAN. R/D DRL EQUIP. POOH L/D 47 JTS ON TRAILER. LUBRICATE TBG HANGER INTO WELL. LAND TBG W/ EOT @ 7851'. ND BOPE. DROP BALL, NUWH. PMP OFF THE BIT SUB @ 2000#. R/U FLOW BACK LINES. TURN OVER TO FLOW BACK CREW.

SICP 1700#

FTP 100#

48/64 CHOKE

TBG ON LOC

296 JTS

TBG IN WELL

249 JTS

TBG LEFT ON TRAILER

47 JTS

01/11/08 **FLOWBACK REPORT:** CP 2000#, TP 1725#, CK 20/64", 55 BWPH, LOAD REC'D 837 BBLS, REMAINING LTR 6574 BBLS
WENT ON SALES: @ 10:35 AM, 1454 MCF, 1820 TBG, 2050 CSG, 20/64 CK, 35 BBWH

01/12/08 **FLOWBACK REPORT:** CP 2075#, TP 1875#, CK 20/64", 35 BWPH, LOAD REC'D 975 BBLS, REMAINING LTR 5599 BBLS

01/13/08 **FLOWBACK REPORT:** CP 2450#, TP 1775#, CK 20/64", 28 BWPH, LOAD REC'D 816 BBLS, REMAINING LTR 4783 BBLS
ON SALES: 771 MCF, 0 BC, 672 BW, TP: 1775#, CP: 2450#, 20/64 CHK, 18 HRS, LP: 222#.

01/14/08 **FLOWBACK REPORT:** CP 2950#, TP 1700#, CK 20/64", 20 BWPH, LOAD REC'D 540 BBLS, REMAINING LTR 4243 BBLS
ON SALES: 1437 MCF, 0 BC, 480 BW, TP: 1700#, CP: 2950#, 20/64 CHK, 24 HRS, LP: 218#.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

5. Lease Serial No.

UTU-0149081

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*

At surface

SE/NE 1772'FNL, 807'FEL

At top prod. interval reported below

At total depth

14. Date Spudded

10/08/07

15. Date T.D. Reached

11/02/07

16. Date Completed

☐ D & A☒ Ready to Prod.

01/11/08

18. Total Depth: MD
TVD 8965'19. Plug Back T.D.: MD
TVD 8934'20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL-CCL-GR

22. Was well cored? ☒ No ☐ Yes (Submit copy)
Was DST run? ☒ No ☐ Yes (Submit copy)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	32.3# 36#		2120'		655 SX			
7 7/8"	4 1/2"	11.6#		8965'		1550 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	7851'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	6957'	8912'	6957'-8912'	0.36	285	OPEN
B) WSMND						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
6957'-8912'	PMP 9411 BBLs SLICK H2O & 328,327# 30/50 SD

RECEIVED

FEB 25 2008

DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/11/08	01/15/08	24	→	0	1,622	500			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1550# SI	Csg. Press. 2750#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64			→	0	1622	500			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH MESAVERDE	4307' 6947'	6947'			

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 5. Core Analysis 7. Other:

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) SHEILA UPCHEGOTitle SENIOR LAND ADMIN SPECIALISTSignature Date 02/06/08

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/NE SEC. 12, T10S, R21E 1772'FNL, 807'FEL

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UTU-0149081

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1021-12H

9. API Well No.

4304736182

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH FORMATION. THE SUBJECT WELL LOCATION WILL BE COMMINGLED.. THE OPERATOR PROPOSES TO COME BACK WITHIN 2 WEEKS AFTER THE WELL IS STABILIZED AND DRILL OUT PLUGS AND CLEAN OUT TO 8911'.

COPY SENT TO OPERATOR

PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

Date: 2-29-2008

Initials: KS

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Signature

Title

REGULATORY ANALYST

Date

September 16, 2008

THIS SPACE FOR FEDERAL ACTION

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action is Necessary

Approved by

Title

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Date: 9/24/08

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED
SEP 17 2008

DIV. OF OIL, GAS & MINING

Name: NBU 1021-12H
Location: SENE-Section 12-T10S-R21E
Uintah County, UT
Date: September 9, 2008

ELEVATIONS: 4967 GL 4991 KB

TOTAL DEPTH: 8965' **PBTD:** 8911'
SURFACE CASING: 9 5/8", 36# J-55 ST&C and 32.3# H-40 @ 2104'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 8956'
 Marker Joint 4291'-4312'

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1058' Green River
 1833' Mahogany
 4295' Wasatch
 6950' Mesaverde

CBL indicates good cement bond below 2700'

GENERAL:

- A minimum of 30 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Bakers Induction-Density-Neutron log dated 11/2/2007.
- 8 fracturing stages required for coverage.
- Procedure calls for 9 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and 1/2 the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump **resin coated sand** last 5,000# of all frac stages

- Tubing Currently Landed @~7851
- Originally completed on 1/10/2008

Existing Perforations:

Stage	Zones	Perforations		SPF	Holes
		Top, ft	Bottom, ft		
1	Mesaverde	8898	8903	4	20
	Mesaverde	8907	8912	4	20
	# of Perfs/stage				40
2	Mesaverde	8531	8537	4	24
	Mesaverde	8531	8537	2	12
	Mesaverde	8622	8624	2	4
	# of Perfs/stage				40
3	Mesaverde	8240	8243	3	9
	Mesaverde	8308	8313	3	15
	Mesaverde	8344	8350	3	18
	# of Perfs/stage				42
4	Mesaverde	7833	7839	3	18
	Mesaverde	7905	7909	4	16
	Mesaverde	8020	8022	4	8
	# of Perfs/stage				42
5	Mesaverde	7564	7570	2	12
	Mesaverde	7722	7726	3	12
	Mesaverde	7740	7744	4	16
	# of Perfs/stage				40
6	Mesaverde	7255	7258	2	6
	Mesaverde	7337	7341	4	16
	Mesaverde	7406	7408	4	8
	Mesaverde	7435	7437	4	8
	# of Perfs/stage				38
7	Dark Canyon	6957	6960	3	9
	Mesaverde	7042	7048	3	18
	Mesaverde	7123	7127	4	16
	# of Perfs/stage				43

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOOH with 2-3/8", 4.7#, J-55 tubing (currently landed at ~7851'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 6786' (50' below proposed CBP). Otherwise P/U a mill and C/O to 6786' (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 6736'. Pressure test BOP and casing to 6000 psi. .
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone
From
To
spf
of shots

WASATCH	6641	6650	2	18
WASATCH	6700	6706	4	24
# of Perfs/stage				42

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6591' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

7. Set 8000 psi CBP at ~6370'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	6242	6246	3	12
WASATCH	6275	6279	3	12
WASATCH	6334	6340	3	18
# of Perfs/stage				42

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6192' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
Note: Stage has tight spacing.

9. Set 8000 psi CBP at ~6161'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6041	6047	3	18
WASATCH	6074	6078	3	12
WASATCH	6128	6131	4	12
# of Perfs/stage				42

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~5991' trickle 250gal 15%HCL w/ scale inhibitor in flush.

11. Set 8000 psi CBP at ~5922'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5826	5830	3	12
WASATCH	5856	5860	3	12
WASATCH	5886	5892	3	18
# of Perfs/stage				42

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~5776' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

13. Set 8000 psi CBP at ~5664'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5581	5586	3	15
WASATCH	5606	5612	3	18
WASATCH	5631	5634	3	9
# of Perfs/stage				42

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~5531' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

15. Set 8000 psi CBP at ~5389'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5258	5262	3	12
WASATCH	5301	5306	3	15
WASATCH	5354	5359	3	15
# of Perfs/stage				42

16. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 6 on attached listing. Under-displace to ~5208' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

17. Set 8000 psi CBP at ~5132'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5088	5102	3	42
# of Perfs/stage				42

18. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 7 on attached listing. Under-displace to ~5038' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

19. Set 8000 psi CBP at ~4926'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	4874	4880	3	18
WASATCH	4888	4896	3	24
# of Perfs/stage				42

20. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 8 on attached listing. Under-displace to ~4824' and flush only with recycled water.

21. Set 8000 psi CBP at ~4824'.

22. TIH with 3 7/8" bit, sliding sleeve, SN and tubing.

23. Drill plugs and clean out to CBP at 6736' (do not drill out). Open sleeve and DO NOT PUMP OFF SUB and land tubing at ±6210' unless indicated otherwise by the well's behavior. This well will not be commingled at this time. It is desired to come back to location shortly (about 2 weeks until well has stabilized) and drill plugs, clean out to 8911', and land tubing at +/- 8500'.

24. RDMO

For design questions, please call
David Cocciolone, Denver, CO
(832)-453-2043 (Cell)
(720)-929-6716 (Office)

For field implementation questions, please call
Robert Miller, Vernal, UT
(435)-781-7041 (Office)

NOTES:

This well will not be commingled immediately.

This well is currently producing 250 MCFD.

Expected incremental IP of 400 MCFD, with a total IP of 650 MCFD.

In an area of little water concern.

NBU 1021-12H
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	WASATCH		No Perfs			6610	to	6616
	WASATCH		No Perfs			6621	to	6625
	WASATCH	6641	6650	2	18	6640	to	6657
	WASATCH		No Perfs			6658	to	6663
	WASATCH		No Perfs			6675	to	6677
	WASATCH		No Perfs			6679	to	6682
	WASATCH		No Perfs			6685	to	6686
	WASATCH		No Perfs			6688	to	6691
	WASATCH		No Perfs			6697	to	6702
	WASATCH	6700	6706	4	24	6703	to	6706
	WASATCH		No Perfs			6714	to	6721
	WASATCH		No Perfs			6748	to	6750
	WASATCH		No Perfs			6765	to	6766
	WASATCH		No Perfs			6772	to	6774
	WASATCH		No Perfs			6775	to	6775
	WASATCH		No Perfs			6786	to	6790
	# of Perfs/stage				42	CBP DEPTH	6.370	
2	WASATCH		No Perfs			6220	to	6222
	WASATCH	6242	6246	3	12	6248	to	6250
	WASATCH	6275	6279	3	12	6262	to	6263
	WASATCH		No Perfs			6312	to	6313
	WASATCH	6334	6340	3	18	6337	to	6339
	# of Perfs/stage				42	CBP DEPTH	6.161	
3	WASATCH		No Perfs			6021	to	6022
	WASATCH		No Perfs			6028	to	6030
	WASATCH	6041	6047	3	18	6041	to	6043
	WASATCH		No Perfs			6043	to	6047
	WASATCH		No Perfs			6047	to	6049
	WASATCH		No Perfs			6052	to	6053
	WASATCH	6074	6078	3	12	6077	to	6079
	WASATCH		No Perfs			6090	to	6091
	WASATCH	6128	6131	4	12	6128	to	6129
	WASATCH		No Perfs			6129	to	6131
	WASATCH		No Perfs			6156	to	6157
	# of Perfs/stage				42	CBP DEPTH	5.922	
4	WASATCH		No Perfs			5774	to	5775
	WASATCH		No Perfs			5790	to	5791
	WASATCH	5826	5830	3	12	5827	to	5828
	WASATCH		No Perfs			5829	to	5831
	WASATCH	5856	5860	3	12	5842	to	5843
	WASATCH	5886	5892	3	18	5887	to	5889
	WASATCH		No Perfs			5904	to	5905
	# of Perfs/stage				42	CBP DEPTH	5.664	
5	WASATCH		No Perfs			5477	to	5477
	WASATCH		No Perfs			5485	to	5486
	WASATCH		No Perfs			5504	to	5506
	WASATCH		No Perfs			5532	to	5533
	WASATCH		No Perfs			5555	to	5556
	WASATCH		No Perfs			5579	to	5580
	WASATCH	5581	5586	3	15	5582	to	5582
	WASATCH		No Perfs			5583	to	5585
	WASATCH		No Perfs			5603	to	5604
	WASATCH	5606	5612	3	18	5607	to	5610
	WASATCH	5631	5634	3	9	5635	to	5637
	WASATCH		No Perfs			5637	to	5638
	# of Perfs/stage				42	CBP DEPTH	5.389	
6	WASATCH		No Perfs			5179	to	5187
	WASATCH		No Perfs			5194	to	5195
	WASATCH		No Perfs			5212	to	5212
	WASATCH		No Perfs			5224	to	5224
	WASATCH		No Perfs			5225	to	5226
	WASATCH		No Perfs			5245	to	5246
	WASATCH		No Perfs			5250	to	5254
	WASATCH	5258	5262	3	12	5254	to	5263
	WASATCH		No Perfs			5265	to	5265
	WASATCH		No Perfs			5293	to	5307
	WASATCH	5301	5306	3	15	5307	to	5308
	WASATCH		No Perfs			5344	to	5347
	WASATCH	5354	5359	3	15	5347	to	5360
	WASATCH		No Perfs			5364	to	5365
	WASATCH		No Perfs			5365	to	5367
	WASATCH		No Perfs			5375	to	5380
	# of Perfs/stage				42	CBP DEPTH	5.132	
7	WASATCH		No Perfs			4956	to	4959
	WASATCH		No Perfs			4988	to	4989
	WASATCH		No Perfs			5031	to	5032
	WASATCH		No Perfs			5045	to	5048
	WASATCH		No Perfs			5071	to	5074
	WASATCH		No Perfs			5080	to	5090
	WASATCH		No Perfs			5091	to	5092
	WASATCH	5088	5102	3	42	5092	to	5104
	WASATCH		No Perfs			5116	to	5117
	WASATCH		No Perfs			5151	to	5152
	# of Perfs/stage				42	CBP DEPTH	4.926	
8	WASATCH		No Perfs			4852	to	4852
	WASATCH		No Perfs			4856	to	4857
	WASATCH		No Perfs			4873	to	4873
	WASATCH	4874	4880	3	18	4874	to	4878
	WASATCH		No Perfs			4880	to	4880
	WASATCH		No Perfs			4887	to	4888
	WASATCH	4888	4896	3	24	4888	to	4890
	WASATCH		No Perfs			4890	to	4895
	# of Perfs/stage				42	CBP DEPTH	4.824	
Totals					336			

Fracturing Schedules
NBU 1021-12H
Slickwater Frac

Stage	Zone	Feet of Pay	Perfs		SPF	Holes	Rate BPM	Fluid Type	Initial PPG	Final PPG	Fluid	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
			Top, ft	Bot. ft															
1	WASATCH	6	No Perfs	No Perfs			Varied	Pump-in test			Slickwater	0	0						41
	WASATCH	4	No Perfs	No Perfs			Varied	0 ISIP and 5 min ISIP			Slickwater	522	522	15.0%	0.0%	0	0		66
	WASATCH	17	6641	6650	2	18	50	Slickwater Pad	0.25	1.25	Slickwater	1,741	2,263	50.0%	39.7%	54,844	54,844		110
	WASATCH	5	No Perfs	No Perfs			50	Slickwater Ramp	1.25	2	Slickwater	1,219	3,482	35.0%	60.3%	63,180	138,023		0
	WASATCH	2	No Perfs	No Perfs			50	Slickwater Ramp			Slickwater	102	3,585				138,023		41
	WASATCH	3	No Perfs	No Perfs				ISDP and 5 min ISDP										258	
	WASATCH	1	No Perfs	No Perfs															
	WASATCH	3	No Perfs	No Perfs															
	WASATCH	5	No Perfs	No Perfs															
	WASATCH	7	6700	6706	4	24													
	WASATCH	3	No Perfs	No Perfs															
	WASATCH	2	No Perfs	No Perfs															
	WASATCH	1	No Perfs	No Perfs															
	WASATCH	2	No Perfs	No Perfs															
	WASATCH	0	No Perfs	No Perfs															
	WASATCH	4	No Perfs	No Perfs															
	WASATCH	65	# of Perfs/stage				42	74.8	<< Above pump time (min)			Flush depth	6591	gal/ft CBP depth	2,250	2,123	lbs sand/ft	221	
2	WASATCH	2	No Perfs	No Perfs			Varied	Pump-in test			Slickwater	0	0						9
	WASATCH	2	6242	6246	3	12	0	ISIP and 5 min ISIP			Slickwater	71	71	15.0%	0.0%	0	0		15
	WASATCH	1	6275	6279	3	12	50	Slickwater Pad	0.25	1.25	Slickwater	238	310	50.0%	39.7%	7,500	7,500		0
	WASATCH	1	No Perfs	No Perfs			50	Slickwater Ramp	1.25	2	Slickwater	157	476	35.0%	60.3%	11,375	18,875		40
	WASATCH	2	6334	6340	3	18	50	Slickwater Ramp			Slickwater	96	572				18,875		64
	WASATCH						50	Flush (4-1/2")											
	WASATCH							ISDP and 5 min ISDP											
	WASATCH	8	# of Perfs/stage				42	11.9	<< Above pump time (min)			Flush depth	6192	gal/ft CBP depth	2,500	2,359	lbs sand/ft	31	
3	WASATCH	1	No Perfs	No Perfs			Varied	Pump-in test			Slickwater	0	0						14
	WASATCH	2	No Perfs	No Perfs			Varied	0 ISIP and 5 min ISIP			Slickwater	114	114	15.0%	0.0%	0	0		24
	WASATCH	2	6041	6047	3	18	50	Slickwater Pad	0.25	1.25	Slickwater	391	495	50.0%	39.7%	12,000	12,000		0
	WASATCH	4	No Perfs	No Perfs			50	Slickwater Ramp	1.25	2	Slickwater	287	782	35.0%	60.3%	18,200	30,200		38
	WASATCH	2	No Perfs	No Perfs			50	Flush (4-1/2")				93	855				30,200		77
	WASATCH	1	6074	6078	3	12		ISDP and 5 min ISDP											
	WASATCH	1	No Perfs	No Perfs															
	WASATCH	1	6128	6131	4	12													
	WASATCH	2	No Perfs	No Perfs															
	WASATCH	1	No Perfs	No Perfs															
	WASATCH	16	# of Perfs/stage				42	17.8	<< Above pump time (min)			Flush depth	5991	gal/ft CBP depth	2,000	1,988	lbs sand/ft	69	
4	WASATCH	1	No Perfs	No Perfs			Varied	Pump-in test			Slickwater	0	0						10
	WASATCH	1	No Perfs	No Perfs			Varied	0 ISIP and 5 min ISIP			Slickwater	80	80	15.0%	0.0%	0	0		17
	WASATCH	1	5826	5830	3	12	50	Slickwater Pad	0.25	1.25	Slickwater	268	348	50.0%	39.7%	8,438	8,438		0
	WASATCH	2	No Perfs	No Perfs			50	Slickwater Ramp	1.25	2	Slickwater	188	538	35.0%	60.3%	12,797	21,234		37
	WASATCH	2	5856	5860	3	12	50	Slickwater Ramp				90	625				21,234		64
	WASATCH	2	5886	5892	3	18	50	Flush (4-1/2")											
	WASATCH	1	No Perfs	No Perfs				ISDP and 5 min ISDP											
	WASATCH	9	# of Perfs/stage				42	13.0	<< Above pump time (min)			Flush depth	5776	gal/ft CBP depth	2,500	2,359	lbs sand/ft	112	
5	WASATCH	0	No Perfs	No Perfs			Varied	Pump-in test			Slickwater	0	0						15
	WASATCH	1	No Perfs	No Perfs			Varied	0 ISIP and 5 min ISIP			Slickwater	121	121	15.0%	0.0%	0	0		25
	WASATCH	2	No Perfs	No Perfs			50	Slickwater Pad	0.25	1.25	Slickwater	402	522	50.0%	39.7%	12,656	12,656		0
	WASATCH	1	No Perfs	No Perfs			50	Slickwater Ramp	1.25	2	Slickwater	281	804	35.0%	60.3%	19,195	31,852		35
	WASATCH	1	No Perfs	No Perfs			50	Flush (4-1/2")				86	890				31,852		75
	WASATCH	0	5581	5586	3	15		ISDP and 5 min ISDP											
	WASATCH	2	No Perfs	No Perfs															
	WASATCH	1	No Perfs	No Perfs															
	WASATCH	3	5606	5612	3	18													
	WASATCH	2	5631	5634	3	9													
	WASATCH	1	No Perfs	No Perfs															
	WASATCH	15	# of Perfs/stage				42	18.5	<< Above pump time (min)			Flush depth	5531	gal/ft CBP depth	2,260	2,123	lbs sand/ft	142	
6	WASATCH	8	No Perfs	No Perfs			Varied	Pump-in test			Slickwater	0	0						71
	WASATCH	1	No Perfs	No Perfs			Varied	0 ISIP and 5 min ISIP			Slickwater	563	563	15.0%	0.0%	0	0		118
	WASATCH	0	No Perfs	No Perfs			50	Slickwater Pad	0.25	1.25	Slickwater	1,875	2,438	50.0%	39.7%	59,063	59,063		0
	WASATCH	0	No Perfs	No Perfs			50	Slickwater Ramp	1.25	2	Slickwater	1,313	3,750	35.0%	60.3%	89,578	148,641		0
	WASATCH	1	No Perfs	No Perfs			50	Flush (4-1/2")				81	3,831				148,641		189
	WASATCH	4	No Perfs	No Perfs				ISDP and 5 min ISDP											
	WASATCH	9	5258	5262	3	12													
	WASATCH	0	No Perfs	No Perfs															
	WASATCH	14	No Perfs	No Perfs															
	WASATCH	1	5301	5306	3	15													
	WASATCH	3	No Perfs	No Perfs															
	WASATCH	13	5354	5359	3	15													
	WASATCH	1	No Perfs	No Perfs															
	WASATCH	2	No Perfs	No Perfs															
	WASATCH	5	No Perfs	No Perfs															
	WASATCH	63	# of Perfs/stage				42	80.0	<< Above pump time (min)			Flush depth	5208	gal/ft CBP depth	2,600	2,359	lbs sand/ft	76	
7	WASATCH	3	No Perfs	No Perfs			Varied	Pump-in test			Slickwater	0	0						36
	WASATCH	1	No Perfs	No Perfs			Varied	0 ISIP and 5 min ISIP			Slickwater	289	289	15.0%	0.0%	0	0		61
	WASATCH	1	No Perfs	No Perfs			50	Slickwater Pad	0.25	1.25	Slickwater	964	1,254	50.0%	39.7%	30,375	30,375		0
	WASATCH	3	No Perfs	No Perfs			50	Slickwater Ramp	1.25	2	Slickwater	675	1,929	35.0%	60.3%	46,059	76,444		0
	WASATCH	3	No Perfs	No Perfs			50	Slickwater Ramp				78	2,007				76,444		0
	WASATCH	10	No Perfs	No Perfs			50	Flush (4-1/2")											
	WASATCH	1	No Perfs	No Perfs				ISDP and 5 min ISDP											
	WASATCH	12	5088	5102	3	42													
	WASATCH	1	No Perfs	No Perfs															
	WASATCH	1	No Perfs	No Perfs															
	WASATCH	36	# of Perfs/stage				42	41.9	<< Above pump time (min)			Flush depth	5038	gal/ft CBP depth	2,260	2,123	lbs sand/ft	112	
8	WASATCH	0	No Perfs	No Perfs			Varied	Pump-in test			Slickwater	0	0						14
	WASATCH	1	No Perfs	No Perfs			Varied	0 ISIP and 5 min ISIP			Slickwater	113	113	15.0%	0.0%	0	0		24
	WASATCH	0	No Perfs	No Perfs			50	Slickwater Pad	0.25	1.25	Slickwater	375	488	50.0%	39.7%	11,813	11,813		0
	WASATCH	5	4874	4880	3	18	50	Slickwater Ramp	1.25	2	Slickwater	263	750	35.0%	60.3%	17,916	29,728		0
	WASATCH	0	No Perfs	No Perfs			50	Flush (4-1/2")				75	825				29,728		38
	WASATCH	2	4868	4896	3	24		ISDP and 5 min ISDP											
	WASATCH	5	No Perfs	No Perfs															
	WASATCH	14	# of Perfs/stage				42	17.2	<< Above pump time (min)			Flush depth	4824	gal/ft CBP depth	2,260	2,123	lbs sand/ft		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No 1004-0135
Expires November 30, 2000

5	Lease Serial No UTU-0149081
6	If Indian, Allottee or Tribe Name
7	If Unit or CA/Agreement, Name and/or No NATURAL BUTTES UNIT
8	Well Name and No NBU 1021-12H
9	API Well No 4304736182
10	Field and Pool, or Exploratory Area NATURAL BUTTES
11	County or Parish, State UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1	Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other
2	Name of Operator KERR-McGEE OIL & GAS ONSHORE LP
3a	Address 1368 SOUTH 1200 EAST VERNAL, UT 84078
3b	Phone No (include area code) (435) 781-7024
4	Location of Well (Footage, Sec, T, R, M, or Survey Description) 1772' FNL, 807' FEL SENE, SEC 12, T10S-R21E

12 CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13 Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 10/14/08 AT 1:15 PM

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY

14 I hereby certify that the foregoing is true and correct		
Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADMIN SPECIALIST	
Signature <i>Sheila Upchego me</i>	Date October 16, 2008	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	
Title 18 USC Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction		

(Instructions on reverse)

RECEIVED
OCT 27 2008
DIV. OF OIL, GAS & MINING

Wins No.: 93574		NBU 1021-12H		API No.: 4304736182	
	20 00 - 21 00	1 00	12-Ru n Csg & Cmt	P	RIG UP ROCKY MOUNTAIN CASING CREW, HELD SAFETY MEETING
	21 00 - 4 00	7 00	12-Ru n Csg & Cmt	P	RUN CSG AS FOLLOWS FLOAT SHOE, 1 JT CSG FLOAT COLLAR, 109 JTS CSG 1 MARKER JTS SET AT 4291, 101 JTS 4 1/2" 11 6 PPF I-80 CSG OAL 8956, SET AT 8956' CENTRALIZED WITH 15 BOW SPRINGS, 1 ON FIRST 3 JTS THEN EVERY 3RD JT
	4 00 - 6 00	2 00	05-Co nd Mud & Circ	P	SPACE OUT, INSTALL PLUG RETAINER, CIRCULATE BOTTOMS UP WITH RIG PUMP
<hr/>					
11/4/2007	<u>SUPERVISOR</u> BRUCE TAYLOR				
	6 00 - 10 00	4 00	05-Co nd Mud & Circ	P	CIRCULATE BOTTOMS UP, HELD SAFETY MEETING WITH BJ WAIT ON LEAD CEMENT OUT OF VERNAL
	10 00 - 12 00	2 00	12-Ru n Csg & Cmt	P	SWITCH TO BJ, TEST LINES TO 4500 PSI AND CEMENT 4 1/2" AS FOLLOWS 20 BBLs MUD CLEAN @ 8 3 PPG, 20 SKS PL2 SCAVENGER MIXED @ 10 0 PPG, LEAD W/ 400 SKS PL2 MIXED @ 11 0 PPG, TAIL W/ 1150 SKS 50 50 POZ MIXED @ 14 3 PPG, WASH LINES, DROP PLUG & DISPLACE W/138 BBLs WATER W/ CLAYSTAY & MAGNACIDE TO BUMP PLUG W/ 2900 PSI RELEASE PSI AND FLOATS HELD HAD 40 BBLs OF CEMENT CIRCULATED TO THE SURFACE
	12 00 - 16 30	4 50	14-NU B O P	P	WASH STACK, HANG CASING OFF WITH 80K TEST HEAD TO 5000 PSI ND BOP'S DROP 1 GAL CHLORINE TABS DOWN CASING, INSTALL NIGHT CAP WASH MUD TANKS AND RELEASE RIG @ 16 30 HRS ON 11-3-07
	16 30 - 6 00	13 50	01-Rig Up & Down	P	RIG DOWN AND PREPARE TO MOVE TO THE NBU 1021-10
<hr/>					
EVENT INFORMATION		EVENT ACTIVITY COMPLETION		START DATE 12/1/2007	
		OBJECTIVE CONSTRUCTION		END DATE 12/31/2007	
		OBJECTIVE 2 RECOMPLETE		DATE WELL STARTED PROD 10/28/2007	
		REASON WAS		Event End Status	
<hr/>					
RIG OPERATIONS		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start
					Finish Drilling
					Rig Release
					Rig Off Location
<hr/>					
Date	Time	Duration	Phase	Code	Subcode
	Start-End	(hr)			
12/31/2007	<u>SUPERVISOR</u> BRUCE TAYLOR				
<hr/>					
12/31/2007	<u>SUPERVISOR</u> BRUCE TAYLOR				
<hr/>					

Wins No.: 93574		NBU 1021-12H		API No.: 4304736182	
EVENT INFORMATION:		EVENT ACTIVITY: COMPLETION		START DATE: 1/7/2008	
		OBJECTIVE: DEVELOPMENT		END DATE: 1/10/2008	
		OBJECTIVE 2: RECOMPLETE		DATE WELL STARTED PROD.: 10/26/2007	
		REASON: WAS		Event End Status:	
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start
					Finish Drilling
					Rig Release
					Rig Off Location

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de	P/U	Operation
1/7/2008	<u>SUPERVISOR:</u> JON MILES						7:AM HSM. ROAD RIG TO LOC. RU RIG. SPOT EQUIP. ND WELLHEAD, NU BOP.PU 37/8" MILL. RIH, TALLING & PU TBG. GOT TO 6000' FT.SDFN 5:30 PM
1/8/2008	<u>SUPERVISOR:</u> Jeff Samuels						7:00 a.m. HSM CONT TO RIH W/ TBG. TAG FILL @ 8883'. R/U DRL EQUIP. R/U PMP & LINES. BRK REV CIRC W/ 2% KCL & BEG TO DRL. C/O CMT, DRL UP FLOAT COLLAR @ 8914'. CONT TO DRL 20' CMT. EOT @ 8934'. CIRC WELL CLEAN. R/D DRL EQUIP. POOH STAND BACK TBG. L/D BIT & BITSUB. MIRU B&C QUICK TST. FILL CSG & PSI TST CSG & FRAC VLV'S TO 7500# (HELD). RDMO B&C. PREP TO FRAC IN A.M. WINTERIZE W.H. SWI. SDFN
1/9/2008	<u>SUPERVISOR:</u> Jeff Samuels						

7 00 A M HSM

MIRU CUTTERS MIRU WEATHERFORD FRAC

ALL STAGES SHOT W/ 3 3/8" EXP PERF GUNS LOADED W/ 23
GM CHARGES 2,3 & 4 SPF, 90,120 & 180 DEG PHASING ALL
ZONES INCLUDE NALCO DVE-005 SCALE INHIB, 3 GPT IN PAD &
1/2 RAMP, 10 GPT IN FLUSH ALL ZONES TAILED IN W/ 5000#
TLC SAND FOR SAND CONTROLL ALL CBP'S ARE 4 1/2" BAKER
8K CBP'S

STG 1 P/U 3 3/8" PERF GUNS & RIH SHOOT 20 HOLES F/ 8907 -
8912', P/U SHOOT 20 HOLES F/ 8898' - 8903' POOH, PRIME
PUMPS PSI TST TO 8500# (HELD) OPEN WELL, BEGIN PMP @
8 30 A M BRK DWN PERF'S @ 2882#, EST INJ RT @ 50 9 BPM @
4500#, ISIP 2316#, FG 70 TREAT STG 1 W/ 36,337# SAND
TAILED IN W/ 5000# TLC SAND W/ SLK WTR TOT CL FL 1208
BBLS ISIP 3009#, NPI 693#, FG 78

STG 2 P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH SET CBP @
8658', P/U SHOOT 4 HOLES F/ 8622' - 24' (2 SPF), P/U SHOOT 12
HOLES F/ 8531' - 37' (2 SPF) P/U SHOOT 24 HOLES F/ 8531' - 37'
POOH BRK DWN PERF'S @ 3224#, EST INJ RT @ 50 6 BPM @
4800#, ISIP 2695#, FG 75, TREAT STG 2 W/ 19,770# SAND
TAILED IN W/ 5000# TLC SAND W/ SLK WTR TOT CL FL 648
BBLS ISIP 2850#, NPI 155#, FG 77

STG 3 P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH SET
CBP @ 8380', P/U SHOOT 18 HOLES F/ 8344' - 50' (3 SPF), P/U
SHOOT 15 HOLES F/ 8308' - 13' (3 SPF), P/U SHOOT 9 HOLES F/
8240' - 43' (3 SPF) POOH BRK DWN PERF'S @ 3468#, EST INJ
RT @ 50 9 BPM @ 3800#, ISIP 2322#, FG 72 TREAT STG 3 W/
108,387# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR
TOT CL FL 2917 BBLS ISIP 2755#, NPI 433#, FG 77

STG 4 P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH SET CBP @
8052', P/U SHOOT 8 HOLES F/ 8020' - 22', P/U SHOOT 16 HOLES
F/ 7905' - 09', P/U SHOOT 18 HOLES F/ 7833' - 39' (3 SPF) POOH
BRK DWN PERF'S @ 2201#, EST INJ RT @ 49 8 BPM @ 4430#,
ISIP 2083#, FG 70, TREAT STG 4 W/ 31,600# SAND TAILED IN W/
5000# TLC SAND W/ SLK WTR TOT CL FL 932 BBLS ISIP 2446#,
NPI 363#, FG 75

STG 5 P/U 3 3/8" PERF GUNS & 4 1/2" BAK 8K CBP & RIH SET
CBP @ 7774', P/U SHOOT 18 HOLES F/ 7435' - 37', P/U SHOOT
12 HOLES F/ 7722' - 26' (3 SPF), P/U SHOOT 12 HOLES F/ 7564' -
70' (2 SPF) POOH BRK DWN PERF'S @ 6733#, EST INJ RT @
49 7 BPM @ 4500#, ISIP 3093#, FG 84, TREAT STG 5 W/ 44,077#
SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR TOT CL FL
1417 BBLS ISIP 2815#, NPI -278#, FG 81

STG 6 P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH SET CBP @
7474', P/U SHOOT 8 HOLES F/ 7435' - 37', P/U SHOOT 8 HOLES
F/ 7408' - 08', P/U SHOOT 16 HOLES F/ 7337' - 41', P/U SHOOT 6
HOLES F/ 7255' - 58' (2 SPF) POOH, BRK DWN PERF'S @ 3696#,
EST INJ RT @ 50 8 BPM @ 4725#, ISIP 2691#, FG 81, TREAT
STG 6 W/ 34,280# SAND TAILED IN W/ 5000# TLC SAND W/ SLK
WTR TOT CL FL 1003 BBLS ISIP 2561#, NPI -130#, FG 79

STG 7 P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH SET CBP @
7157', P/U SHOOT 16 HOLES F/ 7123' - 27', P/U SHOOT 18
HOLES F/ 7042' - 48' (3 SPF) P/U SHOOT 9 HOLES F/ 6957' - 60'
(3 SPF) POOH BRK DWN PERF'S @ 2097#, EST INJ RT @ 50 1
BPM @ 3800#, ISIP 1520#, FG 66, TREAT STG 7 W/ 53,876#
SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR TOT CL FL
1286 BBLS, ISIP 2325#, NPI 805#, FG 77

P/U 4 1/2" CBP & RIH SET KILL PLUG @ 6907' POOH RDMO
CUTTERS RDMO WEATHERFORD WINTERIZE WH SWI
SDFN

1/10/2008

SUPERVISOR Jeff Samuels

7 00 A M HSM
 ND FRAC VLV'S NU BOPE P/U 3 7/8" BIT, POBS & RIH W/ TBG
 TAG KILL PLUG @ 6907', R/U DRL EQUIP, R/U PMP & LINES
 BRK CONV CIRC W/ 2% KCL & BEG TO DRL

DRL UP KILL PLUG, (700# PSI INC) CONT TO RIH TAG FILL @
 7137', (20' FILL) C/O TO 2ND CBP @ 7157'

DRL UP 2ND CBP, (300# PSI INC) CONT TO RIH TAG FILL @
 7454', (20' FILL) C/O TO 3RD CBP @ 7474'

DRL UP 3RD CBP (500# PSI INC) CONT TO RIH TAG FILL @
 7746', (28' FILL) C/O TO 4TH CBP @ 7774'

DRL UP 4TH CBP IN 1 HR PLUG STUCK TO BIT (800# PSI INC)
 CONT TO RIH TAG FILL @ 8027' (25' FILL) C/O TO 5TH CBP @
 8052'

DLR UP 5TH CBP (500# PSI INC) CONT TO RIH TAG FILL @
 8350', (30' FILL) C/O TO 6TH CBP @ 8380'

DRL UP 6TH CBP (300# PSI INC) CONT TO RIH TAG FILL @
 8904', (30' FILL) C/O TO 7TH CBP @ 8934'

DRL UP 7TH CBP (500# PSI INC) CONT TO RIH TAG FILL @
 8904', (30' FILL) C/O TO PBTD @ 8934' CIRC WELL CLEAN R/D
 DRL EQUIP POOH L/D 47 JTS ON TRAILER LUBRICATE TBG
 HANGER INTO WELL LAND TBG W/ EOT @ 7851' ND BOPE
 DROP BALL, NUWH PMP OFF THE BIT SUB @ 2000# R/U
 FLOW BACK LINES TURN OVER TO FLOW BACK CREW

SICP 1700#
 FTP 100#
 48/64 CHOKE

TBG ON LOC 296 JTS
 TBG IN WELL 249 JTS
 TBG LEFT ON TRAILER 47 JTS

EVENT INFORMATION.	EVENT ACTIVITY	MAINTENANCE	START DATE	6/18/2008	AFE NO	19357400
	OBJECTIVE	SECONDARY	END DATE	6/18/2008		
	OBJECTIVE 2	SLICKLINE WORK	DATE WELL STARTED PROD	10/26/2007		
	REASON WAS		Event End Status	COMPLETE		

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
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Date	Time Start-End	Duration (hr)	Phase	Code	Subco de	P/U	Operation
6/18/2008	SUPERVISOR 7 00 -	CHUCK ALLEN	PROD	35	G	P	travel to loc rig up fish pad plunger then spring run td scratch and broach clean tubing spring and pad plunger looks good blew tubing drop and chase spring and pad plunger ng down travel to the shop
							Fluid level gas cut TD (max depth reached) 8920 Plunger 7823 Tight Spots no Spring 7823 Trash no S/N 7823 Operator js

Wins No.: 93574		NBU 1021-12H		API No : 4304736182	
EVENT INFORMATION:		EVENT ACTIVITY RECOMPLETION		START DATE 10/3/2008	
		OBJECTIVE DEVELOPMENT		END DATE	
		OBJECTIVE 2 RECOMPLETE		DATE WELL STARTED PROD 10/26/2007	
		REASON WAS		Event End Status	
RIG OPERATIONS		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start
				Finish Drilling	Rig Release
					Rig Off Location
KEY 59 / 59					
Date	Time Start-End	Duration (hr)	Phase	Code	Sybc de
10/3/2008	<u>SUPERVISOR</u> WILL GLEAVE 7 00 - 15 00	8 00	COMP	30	A
			P	HSM MIRU FROM STATE 1022-32J MOVE IN RIG EQUIP SDFWE	
10/3/2008	<u>SUPERVISOR</u> WILL GLEAVE 7 00 - 15 00	8 00	COMP	30	A
			P	HSM MIRU FROM STATE 1022-32J MOVE IN RIG EQUIPMENT SDFWE	
10/4/2008	<u>SUPERVISOR</u> WILL GLEAVE 7 00 - 17 00	10 00	COMP	31	I
			P	HSM ND WH NU BOP'S FISH OUT PLUNGER & SPRING W/ SLICKLINE TOOH W/ 249 JTS 2-3/8 J-55 TBG PU 3-7/8 MILL & SUB TIH TO 6800' TOOH ND BOP'S NU FRAC VALVE SDFN	
10/6/2008	<u>SUPERVISOR</u> WILL GLEAVE 7 00 - 17 00	10 00	COMP	31	I
			P	HSM ND WH NU BOP'S TOOH W/ 249 JTS 2-3/8 J-55 TBG PU 3-7/8 MILL & SUB & TIH TO 6800' TOOH ND BOP'S NU FRAC VALVE SDFN	
NOTE ROLLED 31 TANKS TO TEST FOR H2S NONE WAS DETECTED					
10/7/2008	<u>SUPERVISOR</u> WILL GLEAVE 7 00 - 17 00	10 00	COMP	36	E
			P	HSM MIRU CASED HOLE SOLUTIONS PU 3 65 GAUGE HOLE RIH TO 6800' POOH PU 4-1/2 CBP, RIH & SET CBP @ 6736' POOH MIRU B&C QUICK TEST PRESSURE TEST CASING & FRAC VALVE TO 6000# (HELD) RDMO B&C PU 3-3/8 PERF GUNS RIH, SHOOT 24 HOLES FROM 6700-06' PU, SHOOT 18 HOLES FROM 6641-50' POOH MIRU SCHLUMBERGER FRAC	
NOTE ALL STAGES SHOT W/ 3-3/8 PERF GUNS, LOADED W/ 23 GM CHARGES 3 & 4 SPF 90 & 120 DEG PHASING ALL CBP'S ARE BAKER 4-1/2 8-K CBP'S ALL STAGES TREATED W/ NALCO DVE-005 SCALE INHIB, 3 GPT IN PAD & 1/2 RAMP, 10 GPT IN PRE-PAD & FLUSH ALL CLEAN FLUID TREATED W/ NALCO BIOCID 1/2 GPT ALL STAGES TREATED W/ 30/50 SAND, TAILED IN W/ 5000# TLC SAND FOR SAND CONTROLL					
STAGE 1 BREAK DOWN PERFS @ 2343# ISIP 1890# FG 71 EST INJ RATE OF 51 8 BBL/MIN @ 5120# TREATED STAGE 1 W/ 140,484# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR 3853 BBLs TOTAL CLEAN FLUID ISIP 2650# FG 83 NPI 760#					
PU 4-1/2 CBP & 3-3/8 PERF GUNS RIH, SET CBP @ 6380' PU, SHOOT 18 HOLES FROM 6334-40' PU, SHOOT 12 HOLES FROM 6275-79' PU, SHOOT 12 HOLES FROM 6242-46' POOH SWI-SDFN					
10/8/2008	<u>SUPERVISOR</u> WILL GLEAVE				

7 00 - 20 00 13 00 COMP 36 E P

HSM PREP FOR FRAC

STAGE 2 BREAK DOWN PERFS @ 2709# ISIP 2100# FG 76
EST INJ RATE OF 50 8 BBL/MIN @ 4370# TREATED STAGE 2 W/
19,562# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR
589 BBLs CLEAN FLUID ISIP 2220# FG 78 NPI 120#

STAGE 3 4-1/2 CBP & 3-3/8 PERF GUNS RIH, SET CBP @ 6165'
PU, SHOOT 12 HOLES FROM 6128-31' PU, SHOOT 12 HOLES
FROM 6074-78' PU, SHOOT 18 HOLES FROM 6041-47' POOH
BREAK DOWN PERFS @ 2615# ISIP 1960# FG 75 EST INJ
RATE OF 50 8 BBL/MIN @ 4609 BBL/MIN TREATED STAGE 3 W/
30,489# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR 858
BBLs TOTAL CLEAN FLUID ISIP 2140# FG 78 NPI 180#

STAGE 4 PU 4-1/2 CBP & 3-3/8 PERF GUNS RIH, SET CBP @
5922' PU, SHOOT 18 HOLES FROM 5886-92' PU, SHOOT 12
HOLES FROM 5856-60' PU, SHOOT 12 HOLES FROM 5826-30'
POOH BREAK DOWN PERFS @ 2702# ISIP 2000# FG 77
EST INJ RATE OF 51 4 BBL/MIN @ 4200# TREATED STAGE 4 W/
21,835 # SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR
ISIP 2000# FG 77 0 NPI

STAGE 5 PU 4-1/2 CBP & 3-3/8 PERF GUNS RIH, SET CBP @
6664' PU, SHOOT 9 HOLES FROM 5831-34' PU, SHOOT 18
HOLES FROM 5606-12' PU, SHOOT 15 HOLES FROM 5581-86'
POOH BREAK DOWN PERFS @ 2277# ISIP 1650# FG 72
EST INJ RATE OF 51 4 BBL/MIN @ 3950# TREATED STAGE 5 W/
31,721# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR 885
BBLs TOTAL CLEAN FLUID ISIP 1900# FG 77 NPI 250#

STAGE 6 PU 4-1/2 CBP & 3-3/8 PERF GUNS RIH, SET CBP @
5389' PU, SHOOT 15 HOLES FROM 5354-59' PU, SHOOT 15
HOLES FROM 5301-06' PU, SHOOT 12 HOLES FROM 5258-62'
POOH BREAK DOWN PERFS @ 2036# ISIP 1000# FG 62
EST INJ RATE OF 55 5 BBL/MIN @ 3950# TREATED STAGE 6 W/
149,016 # SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR
3740 BBLs TOTAL CLEAN FLUID ISIP 2100# FG 83 NPI 1100#

STAGE 7 PU 4-1/2 CBP & 3-3/8 PERF GUNS RIH, SET CBP @
5132' PU, SHOOT 42 HOLES FROM 5088-5102' POOH BREAK
DOWN PERFS @ 1578# ISIP 700# FG 57 EST INJ RATE OF
51 4 BBL/MIN @ 3550# TREATED STAGE 7 S/ 78,279# SAND
TAILED IN W/ 5000# TLC SAND 1994 BBLs TOTAL CLEAN FLUID
ISIP 2300# FG 88 NPI 1,600#

STAGE 8 PU 4-1/2 CBP & 3-3/8 PERF GUNS RIH, SET CBP @
4926' PU, SHOOT 24 HOLES FROM 4888-96' PU, SHOOT 18
HOLES FROM 4874-80' POOH BREAK DOWN PERFS @ 2397#
ISIP 1100# FG 66 EST INJ RATE OF 50 8 BBL/MIN @ 3000#
TREATED STAGE 8 W/ 36,846# SAND TAILED IN W/ 5000# TLC
SAND W/ SLK WTR 907 BBLs CLEAN FLUID ISIP 2150# FG
87 NPI 1050 PU 4-1/2 CBP RIH, SET CBP @ 4824'

RDMO Cased Hole Solutions RDMO SCHLUMBERGER
FRAC ND FRAC VAVLE NU BOP'S PU 3-7/8 MILL & SLIDING
SLEEVE BIT SUB TIH W/ 2-3/8 TBG TO 3000' SDFN

10/9/2008 SUPERVISOR WILL GLEAVE

7 00 - 20 00 13 00 COMP 44 C P

HSM TIH TO KILL PLUG @ 4824' RU SWIVEL, PUMP & LINES
BREAK CONV CIRC D O 1ST CBP 50# INC
TIH, TAG FILL @ 4896' (30' FILL) C O FILL TO CBP @ 4926'
D O 2ND CBP 50# INC
TIH, TAG FILL @ 5102' (30' FILL) TBG STUCK CALLED OUT
WIRELINE FOR FREEPOINT TBG STARTED TO MOVE PULLED
3 STANDS POBS PARTED TOOH LD BAD JTS OF TBG SDFN

10/10/2008 SUPERVISOR WILL GLEAVE

7 00 - 19 30 12 50 COMP 31 B P

HSM CONT TO LD BAD PIPE PU FISHING TOOLS SHORT
CATCH OVERSHOT, BUMPER SUB & JARS TIH, TAG FILL @
5075' C O FILL TO FISH @ - 5110' WORK ON FISH TOOH
NO FISH TIH TO FISH TOP AGAIN LATCHED ONTO FISH
WASHED DOWN TO CBP @ 5132' TOOH W/ FISH SDFN

10/11/2008 SUPERVISOR BRET GARDINER

Wins No.: 93574		NBU 1021-12H				API No.: 4304736182	
7 00	- 19 00	12 00	COMP	44	C	P	<p>HSM TIH W MILL & SLIDING SLEEVE BIT SUB, TAG FILL @ 5102' (30' FILL) C O FILL TO CBP @ 5132' D O 3RD CBP 300# INC TIH, TAG FILL @ 5359' (30' FILL) C O FILL TO CBP @ 5389' D O CBP 100# INC TIH, TAG FILL 5634' (30' FILL) C O FILL TO CBP @ 5664' D O CBP 100# INC TIH, TAG FILL @ 5872' (50' FILL) C O FILL TO CBP @ 5922' D O CBP 100# INC TIH, TAG FILL @ 6105' (60' FILL) C O FILL TO CBP @ 6165' 100# INC TIH, TAG FILL @ 6340 (40' FILL) C O FILL TO CBP @ 6380' D O CBP 300# INC TIH, TAG FILL @ 6705' 30' FILL C O FILL TO CBP @ 6736' CIRC WELL CLEAN LD 17 JTS ON TRAILER HANG TBG OFF ND BOP'S NU WH MIRU DELSCO WIRELINE CHANGE OUT SLEEVES TURN OVER TO FLOWBACK</p> <p>SICP 1050# TBG PSI 550# 48/64 CHOKE</p> <p>EOT @ 6215' 197 JTS</p>
10/12/2008	<u>SUPERVISOR</u>	MIKE GRAY					
7 00	-			33	A		<p>7 AM FLBK REPORT CP 1450#, TP 400#, 48/64" CK, 43 BWPH, HEAVY SAND, - GAS TTL BBLS RECOVERED 599 BBLS LEFT TO RECOVER 13418</p>
10/13/2008	<u>SUPERVISOR</u>	MIKE GRAY					
7 00	-			33	A		<p>7 AM FLBK REPORT CP 1150#, TP 350#, 26/64" CK, 39 BWPH, MED SAND, - GAS TTL BBLS RECOVERED 1691 BBLS LEFT TO RECOVER 12326</p>
10/14/2008	<u>SUPERVISOR</u>	MIKE GRAY					
7 00	-			33	A		<p>7 AM FLBK REPORT CP 1400#, TP 800#, 24/64" CK, 17 BWPH, MEDIUM SAND, - GAS TTL BBLS RECOVERED 2173 BBLS LEFT TO RECOVER 11844</p>
10/14/2008	<u>SUPERVISOR</u>	MIKE GRAY					
1 15	-		PROD				<p>WELL TURNED TO SALES @ 1 15 PM ON 10/14/2008 - CP 1400#, FTP 800#, CK 24/64", 1800 MCDP, 408 BWPD</p>
10/15/2008	<u>SUPERVISOR</u>	MIKE GRAY					
7 00	-			33	A		<p>7 AM FLBK REPORT CP 1400#, TP 800#, 24/64" CK, 20 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED 2576 BBLS LEFT TO RECOVER 11441</p>

Wins No.: 93574		NBU 1021-12H		API No.: 4304736182	
EVENT INFORMATION:		EVENT ACTIVITY: RECOMPLETION		REASON: WAS	
		OBJECTIVE: DEVELOPMENT		DATE WELL STARTED/RESUMED: 10/26/2007	
		OBJECTIVE2: RECOMPLETE		Event End Status: COMPLETE	
RIG OPERATIONS:		Begin Mobilization		Rig On Location	Rig Charges
		Rig Operation Start		Finish Drilling	Rig Release
		Rig Off Location			
KEY 59 / 59		10/03/2008		10/11/2008	
Date	Time Start-End	Duration (hr)	Phase	Code	Subco de
10/16/2008	<u>SUPERVISOR:</u> MIKE GRAY 7:00 -			33	A
		DWC: \$ 0.00 CWC: \$ 580,992.00 MD: 7 AM FLBK REPORT: CP 1350#, TP 800#, 24/64" CK, 12 BWPH, TRACE SAND, 1.5M GAS TTL BBLS RECOVERED: 2892 BBLS LEFT TO RECOVER: 11125			
10/25/2008	<u>SUPERVISOR:</u> MIKE GRAY 7:00 -				
		DWC: \$ 0.00 CWC: \$ 580,992.00 MD: WELL IP'D ON 10/25/2008 - 1958 MCF, 0 BC, 220 BW, TP: 944#, CP: 1217#, 20/64 CHK, 24 HRS, LP: 183#.			

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

2. Name of Operator
KERR MCGEE OIL & GAS ONSHORE LP3. Address
1368 SOUTH 1200 EAST VERNAL, UTAH 840783a. Phone No. (include area code)
435.781.7024

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SE/NE 1772'FNL, 807'FEL

At top prod. interval reported below

At total depth

14. Date Spudded
10/08/200715. Date T.D. Reached
11/02/200716. Date Completed 10/14/2008
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
4968'GL18. Total Depth: MD 8965'
TVD19. Plug Back T.D.: MD 8911'
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
N/A22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14" STEEL	36.7#		40'		28 SX			
12 1/4"	9 5/8" J-55	36#		2120'		655 SX			
7 7/8"	4 1/2 I-80	11.6#		8965'		1550 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	6215'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	4874'	6706'	4874'-6706'	0.36	336	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4874'-6706'	PMP 13,463 BBLs SLICK H2O & 508,232# 30/50 SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/14/08	10/25/08	24	→	0	1958	220			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
20/64	944#	1217#	→	0	1958	220		PRODUCING GAS WELL	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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DEC 08 2008

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH	4327'	6936'			
MESAVERDE	6949'	8929'			

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Date 11/25/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0149081
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 1021-12H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1772 FNL 0807 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 12 Township: 10.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047361820000
PHONE NUMBER: 720 929-6514		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/18/2013	OTHER: Production Enhancement	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DRILLING REPORT Report Date:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. the operator conducted the following workover/wellbore cleanout on the subject well on 04/18/2013. Please see the attached chronological well history for details. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 23, 2013		
NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 5/9/2013	

US ROCKIES REGION
Operation Summary Report

Well: NBU 1021-12H				Spud Date: 10/26/2007				
Project: UTAH-UINTAH			Site: NBU 1021-12H				Rig Name No: SWABBCO 8/8	
Event: WELL WORK EXPENSE			Start Date: 4/16/2013				End Date: 4/18/2013	
Active Datum: RKB @4,990.99usft (above Mean Sea Level)			UWI: NBU 1021-12H					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
4/16/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM, JSA
	7:15 - 10:00	2.75	MAINT	30	G	P		ROAD RIG FROM NBU 1022-1P PAD TO NBU 1021-12H
	10:00 - 12:00	2.00	MAINT	30	A	P		750# SICP, BLOW WELL DN TO TNK, MIRU, ND WH, NU BOP'S, RU FLOOR & TBG EQUIP
	12:00 - 14:00	2.00	MAINT	31	I	P		UNLAND TBG, TIH TAG FILL @8,877' (57' ABOVE PBTD) W/ 39 JTS, TOO H W/ 39 JTS
	14:00 - 17:00	3.00	MAINT	31	I	P		MIRU SCAN TECH, TOO H SCANNING TBG, SCANNED 144 JTS & SCANNER BROKE, WILL GET ANOTHER SCANNER IN THE AM, SDFN
4/17/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM, JSA
	7:15 - 9:30	2.25	MAINT	31	I	P		550# SICP, CONTIOL WELL W/ 30 BBLS T-MAC, FINISH TOO H SCANNING 2-3/8" TBG, RD SCAN TECH, SCAN SHOWED 237 GOOD JTS & 5 BAD, THE 5 JTS WERE REJECTED DUE TO PITTING & OR WALL LOSS
	9:30 - 12:30	3.00	MAINT	31	I	P		P/U 3-7/8" MILL, TIH W/ 2-3/8" TBG, TAG FILL @ 8,855'
	12:30 - 16:30	4.00	MAINT	44	D	P		MIRU PWR SWVL, MIRU GROSS FOAM, ESTB CIRC IN 3HRS, C/O FROM 8,855' - 8,932', CIRC WELL CLEAN FOR 30 MINS
	16:30 - 17:30	1.00	MAINT	31	I	P		TOOH & LD 41 JTS 2-3/8" TBG ON TRAILER, SDFN
4/18/2013	7:00 - 7:15	0.25	MAINT	48		P		HSM, JSA
	7:15 - 9:30	2.25	MAINT	31	I	P		800# SICP, CONTROL TBG W/ 20 BBLS T-MAC, TOO H W/ 2-3/8" TBG, LD 3-7/8" MILL
	9:30 - 19:30	10.00	MAINT	31	I	P		M/U LSN SEAT NIPPLE, TIH W/ 2-3/8" TBG, BROACH TBG EVERY 40 STANDS W/ 1.910 BROACH, LAND TBG ON HANGER W/ 241 JTS J-55 TBG, DROP STANDING VALVE & PRESSURE TEST TBG TO 500 PSI, RETRIEVE STANDING VALVE W/ SANDLINE, ND BOP'S, NU WH, RDMO.
								KB 24'
								HANGER .83'
								241 JTS J-55 TBG 7,593.75'
								LSN 1.50'
								EOT @ 7,620.08'
								390 BBLS PUMPED
								130 BBLS RECOVERED
								260 BBLS LEFT TO RECOVER